

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 96133

TO: Daniel Sullivan

Location: cm1/cm1/12d12/11e12

Art Unit: 1636

Tuesday, June 17, 2003

Case Serial Number: 445201

From: Susan Hanley

Location: Biotech-Chem Library

CM1-6B05

Phone: 305-4053

susan.hanley@uspto.gov

Search Notes



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STIC-Biotech/ChemLib

From: Sent:

Chan, Christina

To: Subject:

Monday, June 09, 2003 9:06 AM Sullivan, Daniel; STIC-Biotech/ChemLib RE: Rush sequence search for 09445201

J'71-9 7173

Please rush. Thanks Chris

(Sinc)

Chris Chan TC 1600 New Hire Training Coordinator and SPE 1644 308-3973 CM-1, 9B19

> ----Original Message-----From: Sullivan, Daniel

Sent: Sunday, June 08, 2003 9:55 AM Chan, Christina

Subject:

Rush sequence search for 09445201

Hi Chris,

Would you please approve the following search for an after final amended case?

Please search for the following in the pending and issued patent databases:

A nucleic acid comprising nucleotides 1-2000, 6036-6959, 8260-10608, 10094-10608 or 11000-12845 of SEQ ID

Thank you.

Daniel M. Sullivan Examiner AU 1636 Room: 12D12 Mail Box: 11E12 Tel: 703-305-4448

Searcher:	DIALOG: Questel/Orbit: DRLink: Lexis/Nexis:
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1555 GATGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCA 1614
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ZIP: 98104-7092
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APPLICANT: Fu, YI
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STRANDEDNESS:
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/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PcTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/Packfiles1.seq:*
          GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-08-20-422-117
US-09-245-041-5
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US-08-187-45-35
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US-09-245-041-3
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US-09-245-041-3
US-09-195-940-4
US-09-195-940-4
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US-08-232-463-14
US-09-061-768A-3
US-08-772-440-33
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Maximum Match 100%
Listing first 45 summaries
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vive 0; Mismatches 76; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mulligan, John T.
Schellenberg, Gerald D.
VENTION: GENE AND GENE PRODUCTS RELATED
VENTION: WERNER'S SYNDROME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUBER: US/08/781,891
FILING DATE: 27-DEC-1996
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3: SEED and BERRY LLP . . 6300 Columbia Center, 701 Fifth Avenue
US-09-338-907-183
US-09-218-207-183
US-08-77-813-207
US-08-71-3149-12
US-08-813-40-12
US-08-895-628-4
US-08-895-628-4
US-08-895-628-4
US-08-895-628-4
US-08-895-628-4
US-08-820-422-17
US-08-920-422-17
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US-08-920-422-17
US-08-920-91
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US-08-292-694A-3
US-08-380-403A-4
US-08-895-628-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 240052.419 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 208, Application US/08781891 Patent No. 6090620
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TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 208
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 65.4%;
Matches 151; Conservative
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MEDIUM TYPE: Floppy disk
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nucleic acid
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Yu, Chang-En
Oshima, Junko
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APPLICANT: Oshima, Junkc
APPLICANT: Mulligan, Joh
APPLICANT: Schellenberg,
TITLE OF INVENTION: GENE
TITLE OF INVENTION: WERN
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESSEE: SEED and BE
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10065 GCTGGAAAGATAGCTCAGCAGTTAAGAGCATTGGCTGCTCTTCTAGAGGACCCAGGTTTG 10006
                                                                  GENERAL INFORMATION:
APPLICANT: Moore, K.
APPLICANT: Magle, D.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY
FILE REFERENCE: 7853-136
                                        1615 AGTCCTGGCACTCAGA-GGTGGCTCACAATCATCTGTGACTTCAGGTTCCAGGGGATCTGA 1673
                                                                                                                             9965 AGAGCACTIGCIGCICITGCAGAGGACCCAGGITIGCTACCCAGCACCCACATGGIGGCT 9906
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  9786 TACAAAATGTCTGAAAATAAAAAGGGA 9756
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APPLICANT: Mitsuda, No. 6255473iaki
APPLICANT: Missuda, No. 6255473iaki
APPLICANT: Roses, Allen D.
FILE OF INVENTION: Presentlin-1 Gene Promoter
FILE REFERENCE: VITEKPRESENILIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/08/920,422A CURRENT FILING DATE: 1997-08-29 NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/245,041
CURRENT FILING DATE: 1990-02-05
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER FILING DATE: 1998-07-21
EARLIER FILING DATE: 1998-10-20
NUMBER OF SEQ ID NOS: 131
                                                                                                                                                                                                                                                                                                                                                                       Sequence 17, Application US/08920422A Patent No. 6255473 GENERAL INFORMATION:
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US-09-245-041-5/c
; Sequence 5, Application US/09245041
; Patent No. 6274339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.0
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US-08-920-422-17/C
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LENGTH: 48974
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19172 TCACTCTAGTTCCA-GGGATCCAATATCTATTTCTGGCCTCCACAGGCA--CTGCACAA 49116
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                                                                                                                                                     3.6%; Score 73; DB 4; Length 90050; 61.0%; Pred. No. 2.6e-09;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kovacevich, Brian
APPLICANT: Mulligan, John T.
APPLICANT: Paeper, Bryan W.
APPLICANT: Van Noss, Jeffrey
APPLICANT: Winkler, David G.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING
FILLE REFERENCE: 240083.508
                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/449,218D CURRENT FILING DATE: 1999-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 17
SOFTWARE: FastSEQ for Windows Version 3.0
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; Sequence 17, Application US/09449218D
; Patent No. 6395511
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; OTHER INFORMATION: n = A,T,C or G
US-09-449-218D-17
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APPLICANT: Brunkow, Mary E.
APPLICANT: Galas, David J.
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                                                              TYPE: DNA ORGANISM: MUS musculus
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                                                                                                                                                                             Similarity
                  SEQ ID NO 5
LENGTH: 90050
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                                                                                                                                                                                                 153;
                                                                                                          US-09-245-041-5
                                                                                                                                                        Query Match
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                                                                                                                                                                               Local
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Matches
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1675 GAATICTICIGGGCTCCAIGGGCATCAACTACACTIGGIICAIAGACAIACAIGCCAG 1734
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7381 TGGAGAGGTCGAAGGGTTAAGAGCACTGGCTGTTTTTTCAGAGGACCCATGTTTGAC 7440
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                                                                                                                                                                                                                                                             APPLICANT: Chiang, John
TITLE OF INVENTION: Cholesterol 7a-Hydroxylase Gene
TITLE OF INVENTION: Regulatory Elements and Methods for Using Them
                                                                                              Ouery Match
3.5%; Score 69.8; DB 1; Length 10614;
Best Local Similarity 66.0%; Pred. No. 6.2e-09;
Matches 101; Conservative 0; Mismatches 52; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                         3000 K Street, N.W., Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/175
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/135,511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PC-DOS/MS-DOS
                                                                                                                                                                                                        Sequence 35, Application US/08135511 Patent No. 5558999
                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                           Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, COLIN G.
REGISTRATION NUMBER: 31,29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: DNA (genomic) US-08-135-511-35
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N: 435
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nucleic acid
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ZIP: 20007-5109
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Sequence 35, Application US/08187453 Patent No. 5753431 GENERAL INFORMATION: APPLICANT: Chiang, John

US-08-187-453-35

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1557 TGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAAG 1616
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY FILE REFERENCE: 7853-136 CURRENT APPLICATION NUMBER: US/09/245,041 CURRENT FILING DATE: 1999-02-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Gaps
Cholesterol 7a-Hydroxylase Gene
Regulatory Elements and Transcription Factors
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1677 ATTCTTCTGGGCTCCATGGGCATCAACTACACA 1709
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                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/135,488
FILING DATE: 13-0CT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/135,511
FILING DATE: 13-0CT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/135,510
FILING DATE: 13-0CT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/187,453
FILING DATE: 28-JAN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 5, Application US/09245041
; Patent No. 6274339
                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MR-
                                                                             Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 35: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: DNA (genomic) US-08-187-453-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SANDERCOCK, Colin G.
                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TELEFAX: (202)672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 10614 base pairs
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                                    NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nucleic acid
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT: MOORE, K.
APPLICANT: Nagle, D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               904136
                                                                                                                                      USA
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                                                                             ADDRESSEE:
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                                                                                                                                    COUNTRY:
                                                                                           STREET:
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CURRENT APPLICATION NUMBER: US/09/245,041
CURRENT FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER APPLICATION NUMBER: 60/104,978
EARLIER APPLICATION NUMBER: 60/104,978
EARLIER FILING DATE: 1998-07-21
EARLIER FILING DATE: 1998-10-20
NUMBER OF SEQ ID NOS: 131
                                                                                                                                                                                                                                                                                                                                       77740 TICAAAAAIGGGGCIGGAGAGAIGGCICAGIGGIIAAAAGCACIGGCIGCICIIIGGICAG 77799
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3058 CATCCACAAAGTAGCTCATAAG-ATCTGTAACTCTAGTTCCAGGGGATTCAATGCCTTTT 3000
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                                                                                                                                                                                                                                                                                                                                                                              1603 GACCTAGGTTCAAGTCCTGGCACTCAGA-GGTGGCTCACAATCATCTGTGACTTCAGTTC 1661
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Live 0; Mismatches 71; Indels 1;
                                                                                                                                                                                                                                Length 90050;
                                                                                                                                                                                                                                                                   46; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           77860 CAGATAACCTGACACCCTCCTCTGGCCTCCTCGGG 77894
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1662 CAGGGGATCTGAAGAATTCTTCTGGGCTCCATGGG 1696
                                                                                                                                                                                                                              Score 69.4; DB 4;
Pred. No. 2.5e-08;
0; Mismatches 46;
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: 60/104,978
EARLIER FILING DATE: 1998-10-20
NUMBER OF SEQ ID NOS: 131
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Mus musculus
US-09-245-041-5
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Matches 122; Conserv
                                                                                                                                                                                                                                                 Best Local Similarity
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APPLICANT: Moore, K.
APPLICANT: Nagle, D.
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SEQ ID NO 3
                                                                                                                                      90050
                                                                                                                                                                                                                                                                   Matches 108;
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                                                                                                                                          LENGTH:
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TITLE OF INVENTION: Purified Mammalian Flt3 Ligands and Agonists and Antagonist NUMBER OF SEQUENCES: 37 COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1629 GAGGTGGCTCACAATCATCT - GTGACTTCAGTTCCAGGGGATCTGAAGAATTCTTCTGG 1686
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59.8%; Pred. No. 8.5e-09;
tive 0; Mismatches 92;
                                                                                                                                                                                                                                                  PCT/US94/05150
                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/162,413
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/155,111 FILING DATE: 19-NOV-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  UMBER: US 08/106,340
13-AUG-1993
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            Sequence 24, Application PC/TUS9405150 GENERAL INFORMATION:
                                                                                                                                                                                                         Microsoft Word 5.1a
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 0:
FILING DATE: 24-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19-MAY-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         344 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best_Local Similarity 59.8
Matches 149; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                      FILING DATE:
PCT-US94-05150-24/C
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                                                                                                                                                                                                                SOFTWARE:
                                                        APPLICANT:
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1540 AGTTCCAGGAAGCTAGATGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCA 1599
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8-09-195-940-4
5-09-195-940-4
5 Sequence 4, Application US/09195940
5 Patent No. 6258935
6 GENERAL INFORMATION:
7 APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
7 APPLICANT: Richardson, Christopher D.
7 APPLICANT: Richardson, Christopher D.
7 APPLICANT: Novel Genes Encoding LSIRF POLYPEPTIDES
                                                                                                                                                                                                                                                APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
APPLICANT: Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ouery Match
3.1%; Score 62; DB 2; Length 12537;
Best Local Similarity 72.7%; Pred. No. 9e-07;
Matches 80; Conservative 0; Mismatches 30; Indels
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                                                                       1056 CATAGTGCATCGCATACATTTTTGCTGCC 1084
                                                                                                    1411 YYYYYYYYYYYYYYYYYYYYYYYYYY G 1439
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APPLICATION NUMBER: US/08/611,280
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                                                                                                                                                                                                Sequence 4, Application US/08611280 Patent No. 5891666
                                                                                                                                                                                                                                                                                                                                                               Amgen Canada Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IBM PC compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: OLESKI, Nancy A.
REGISTRATION NUMBER: 34,6
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 12537 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                             Mississauga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
                                                                                                                                                                                                                             GENERAL INFORMATION:
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L5N 6JB
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                                                                                                                                                                               US-08-611-280-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 696 CAAGTGAGCATATGAAGTCCATTTTACATGGCTAGTACATATAACTTTTAAAAAGTTGGA 755
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Best Local Similarity 3.3%; Pred. No. 1.3e-07;
Matches 13; Conservative 231; Mismatches 145; Indels
                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                   NERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TOF INVENTION: RECOMBINANT FOWLPOX VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30472/114 IMMU
                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: EP 91 114 300.6 FILING DATE: 26-AUG-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                    Sequence 14, Application US/08232463
Patent No. 5670367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29,768
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                        Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (703)836-9300
(703)683-4109
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: BENT, Stephen A. REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
EDNESS: single
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                                                        GENERAL INFORMATION:
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US-08-232-463-14
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Best Local Similarity
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                                                                                                                                                                        US-09-562-466-4
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Grossman, Alex
Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3.1%; Score 62; DB 4; Length 12537; 72.7%; Pred. No. 9e-07; tive 0; Mismatches 30; Indels
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STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
                                                                                                        TBM PC compatible
SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.30
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FILING DATE: <Unknown>
                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/195,940
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CLASSIFICATION: <Unknown>
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APPLICATION NUMBER: 08/611,280
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                                                                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: Oleski, Nancy A.
REGISTRATION NUMBER: 34,688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
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INFORMATION FOR SEQ ID NO: 4:
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LENGTH: 12537 base pairs
                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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Best Local Similarity 72.7%
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ZIP: L5N 6JB
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Mississauga
                                                                                                                            OPERATING SYSTEM:
                                   Canada
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CLASSIFICATION:
                 Ontario
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                                                   L5N 6JB
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US-09-562-466-4
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                                 COUNTRY:
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GENERAL INFORMATION:
APPLICANT: Temple University - Of The Commonwealth System of Higher Education
APPLICANT: Temple University - Of The Commonwealth System of Higher Education
APPLICANT: Hatton, Kimi
APPLICANT: Reddy, E. P.
APPLICANT: Reddy, E. P.
TITLE OF INVENTION: A myb NULL MUTANT TRANSGENIC ANIMALS AND
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 7
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                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                           Query Match
3.1%; Score 62; DB 4; Length 12537;
Best Local Similarity 72.7%; Pred. No. 9e-07;
Matches 80; Conservative 0; Mismatches 30; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C. STREET: Suite 1800 Two Penn Center Plaza CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.30
                      REFERENCE/DOCKET NUMBER: A-338A INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6056-214 PC
                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT/US98/06896
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,929
REGISTRATION NUMBER: 34,688
                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 12537 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sequence 3, Application US/09402929; Patent No. 6410825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Monaco, Daniel A. REGISTRATION NUMBER: 30,480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Floppy disk
IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 60
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3.0%;
72.6%;
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(215) 568-5549
                                                                                                                                             STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 5889 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM:
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1547 GGAAGCTAGATGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACC 1606
                                                        0; Gaps
                                                                                                          1607 TAGGTTCAAGTCCTGGCACTCAGAGGTGGCTCACAATCATCTGTGA 1652
                                                                                                                                2330 TGAGTTCAATTCCCATCAACACACATGGTGCTCACAACCATCTGTAA 2285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.9%; Score 58.2; DB 1; Length 26700; 69.1%; Pred. No. 1.5e-05;
          29; Indels
                                                                                                                                                                                                                                                                                           APPLICANT: Auvinen, Petri
APPLICANT: Auvinen, Petri
APPLICANT: Auvinen, Petri
APPLICANT: Jalkanen, Marku
APPLICANT: Lepp , Sirpa
APPLICANT: Mali, Marku
APPLICANT: Milnen, Tapani
APPLICANT: W rri, Anni
TITLE OF INVENTION: Syndecan Stimulation Of Cellular
TITLE OF INVENTION: Differentiation
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Join(4378..4443, 22026..22106, 23001..23483, 23905..24039, 24251..24418)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,217
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Sterne, Kessler, Goldstein & Fox
1100 New York Avenue, Suite 600
      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1102.0050003
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APPLICATION NUMBER: US 08/206,186
FILING DATE: 07-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/988,427
FILING DATE: 01-DEC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US 08/206,186
                                                                                                                                                                                                                                          Sequence 1, Application US/08472217
Patent No. 5726058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Cimbala, Michele A.
REGISTRATION NUMBER: 3,851
REFERENCE/DOCKET NUMBER: 110
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 26700 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Floppy disk
77; Conservative
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1100
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; NAME/KEY: CDS
; LOCATION: join
; LOCATION: 2390
US-08-472-217-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL: NANTI-SENSE: NO
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Matches
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Search completed: June 16, 2003, 13:59:46 Job time: 108.842 secs

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June 16, 2003, 13:47:07 ; Search time 271.155 Seconds (without allgnments) 10680.673 Million cell updates/sec
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Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                                                                                                                                                                  1029858 seqs, 724030393 residues
                                             OM nucleic - nucleic search, using sw model
                                                                                                                           US-09-445-201-1_COPY_1_2000
                                                                                                                                                                                                                                                                                                                                                            Published_Applications_NA:*
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Listing first 45 summaries
                                                                                                                                                                              IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
                                                                                                                                       Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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	Description		Sequence 20, Appl	Sequence 96, Appl	Sequence 1, Appli	Sequence 834, App	Sequence 456, App	Sequence 2, Appli	Sequence 15, Appl	Sequence 71, Appl	Sequence 411, App	Sequence 97, Appl	Sequence 625, App	Sequence 67, Appl	Sequence 3, Appli	Sequence 87, Appl	Sequence 20, Appl	Sequence 5, Appli	Sequence 42, Appl	Sequence 1, Appli	Seguence 824, App
SUMMARIES Query Match Length DR ID		4.7 659158 9 US-09-771-208-20	6	, -		0	2	4.2 9990 10 IIS-09-767-068A-2	ıσ	331 10	106664 9 11	4.0 396 10 HS-09-017-000 C 396	74868 9 11	249487 9	3.7 130427 9 115-10-175-502 02	ıσ	, -	4998 10	2	0 880	
Score		94.8	93.4	92.4	89.3	86.8	84.6	84.6	83.6	82.8	82.4	80.4	78	76.2	73.8	73.6	73	72	71.4	70.2	
Result No.		U ·	2	m	4	'n	9 0	c 2	80	6	c 10	c 11	12	13	c 14	15	c 16	c 17	c 18	19	

Sequence 71, Appl Sequence 5, Appl Sequence 7, Appl Sequence 196, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 18, Appl Sequence 193, Appl Sequence 9, Appl Sequence 194, Appl Sequence 11, Appl Sequence 12, Appl Sequence 67, Appl Sequence 67, Appl Sequence 69, Appl Sequence 69, Appl Sequence 69, Appl Sequence 69, Appl Sequence 86, Appl Sequence 86, Appl Sequence 11, Appl Sequence 86, Appl Sequence 11,		
C 20 70 3.5 123192 9 US-10-175-523-71 2 69.4 3.5 3010 10 US-09-800-631-96 2 68.6 3.4 17056 10 US-09-728-445-496 2 66.8 3.4 17056 10 US-09-728-445-496 2 67.6 3.4 17056 10 US-09-728-446-929 2 66.8 3.3 251364 9 US-10-175-523-61 2 2 66.8 3.3 251364 9 US-10-175-523-61 2 3 2 4 1 10 US-09-989-981A-9 3 66.6 3.3 251364 9 US-10-175-523-61 3 66.8 3.3 251364 9 US-10-175-523-61 3 66.8 3.3 251364 9 US-10-175-523-61 3 66.8 3.3 251364 9 US-10-175-523-61 3 65.8 3.3 15409	SES	FEATURE: NAME/KEY: misc_feature LOCATION: (123478) CTHER INFORMATION: n is unidentified a, c, g, or t NAME/KEY: misc_feature LOCATION: (602485) CTHER INFORMATION: n is unidentified a, c, g, or t NAME/KEY: misc_feature LOCATION: (546998)(547017) CTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (494715)(494814) CTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (390896)(391005) CTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (390860)(3146823) CTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (346860)(346823) CTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (317744)(317193) CTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (317774)(317193)

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PatentIn version 3.1
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SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (3443)..(3487)
OTHER INFORMATION: exon 1
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                                                                        TYPE: DNA ORGANISM: Mus musculus
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    SOFTWARE: Pa
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                                                                                                                      FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               491996 AGTCCCCGGGGATCTGATCCCTCTTCTGGACTCTGTAATCACTAGTATGCGCATGGTG 491937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Evans, David
APPLICANT: Hook, Derek
APPLICANT: Klinczak, Leszek
APPLICANT: Laeng, Pascal
APPLICANT: Palfreyman, Michael
APPLICANT: Palfreyman, Michael
APPLICANT: Rajan, Prithi
TITLE OF INVENTION: MILTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
FILE REFERENCE: 3235/12795-1838
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1657 AGTICCAGGGGAICIGAAGAATICTICIGGGCICCATGGGCAICAACTACACTIGGTT 1716
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1717 CATAGACATACATGCCAGCAAATGATTGATCCATACATATGAAATAAACCATAAACAGAA 1776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1598 CAGAGGACCTAGGTTCAAGTCCTGGCACTCAGAG-GTGGCTCACAATCATCTGTGACTTC 1656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1538 AGAGTICCAGGAAGCTAGAIGGAGAGATGGCTCAACAGITTAGAGCAACGGCIGIICIIG 1597
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

4.7%; Score 94.8; DB 9; Length 659158;
Best Local Similarity 61.2%; Pred. No. 2.9e-11;
Matches 170; Conservative 0; Mismatches 107; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               491876 AAAAAAAAAAAACCACAGCAAAACCAAAAAAAAA 491839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1777 AAAAAAAGGAAGGTGAGGGAAGGAAAAAAAAGTTTAAA 1814
                                                                                           NAME/KEY: misc_feature
LOCATION: (271829)..(271848)
LOCATION: (271829)..(271848)
LOCATION: (181872)..(181891)
LOCATION: (181872)..(181891)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (170625)..(170645)
OTHER INFORMATION: n is unidentified a, c, g, or t
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (132680)..(132700)
OTHER INFORMATION: n is unidentified a, c, g, or t
                          NAME/KEY: misc_feature
LOCATION: (280353)..(280373)
OTHER INFORMATION: n is unidentified a, c, g, or t
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CURRENT APPLICATION NUMBER: US/10/175,523
CURRENT PILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: US 60/299,151
PRIOR APPLICATION NUMBER: US 60/299,151
PRIOR APPLICATION NUMBER: US 60/317,828
PRIOR FILING DATE: 2001-09-07
PRIOR FILING DATE: 2001-09-25
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: US 60/335,150
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-01-18
PRIOR PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-01-18
NUMBER OF SEQ ID NOS: 197
                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
) OTHER INFORMATION: n is a, c, 9, or t
US-09-771-208-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Evans, David
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US-10-175-523-96/c
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APPLICANT: Robine, Sylvie
APPLICANT: Jaisser, Frederic
APPLICANT: Jaisser, Frederic
APPLICANT: Louvard, Danial
TITLE OF INVENTION: REGULATORY SEQUENCES OF THE MOUSE VILLIN GENE - USE IN TRANSGE
FILE REFERENCE: 13294-00200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1615 AGTCCTGGCACTCAGA-GGTGGCTCACAATCATGTGACTTCAGTTCCAGGGGATCTGA 1673
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                                                                                                                                                                                           1546 AGGAAGCTAGATGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGAC 1605
                                                                                                                                                                                                                                                                                    1606 CTAGGTTCAAGTCCTGGCACTCAGAGGTGGCTCACAATCATCTGTGACTTCAGTTCCAGG 1665
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NAMESKEY: misc_feature
LOCATION: (1)..(110079)
OTHER INFORMATION: where n may be a or g or c or t/u, unknown, or other
                                                                                                                                                     0; Gaps
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                                                                                                 Query Match 4.7%; Score 93.4; DB 9; Length 110079; Best Local Similarity 61.9%; Pred. No. 2.2e-11; Matches 148; Conservative 0; Mismatches 91; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/877,935 CURRENT FILING DATE: 2001-06-08 PRIOR APPLICATION NUMBER: PCT/EP 98/08009 PRIOR FILING DATE: 1998-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09877935
Sequence 10, US20020102705A1
GENERAL INFORMATION:
APPLICANT: Pinto, Daniel
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1557 TGGAGAGATGGCTCAACAGTT-TAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAA 1615
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                                                                                                                                                                                                                                                                           APPLICANT: Zambrowicz, Brian
APPLICANT: Zambrowicz, Brian
APPLICANT: Sands, Arthur T.
TITLE OF INVENTION: No. US20020102543A1e1 Mutated Mammalian Cells and
TITLE OF INVENTION: Animals
FILE REFERENCE: LEX-0102-USA
CURRENT APPLICATION NUMBER: US/09/728,445
CURRENT APPLICATION NUMBER: US 60/168,358
PRIOR APPLICATION NUMBER: US 60/168,358
NUMBER OF SEQ ID NOS: 811
SOFTWARE: FastSEO for Windows Version 4.0
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APPLICANT: Sands, Arthur T.
TITLE OF INVENTION: No. US20020102543Alel Mutated Mammalian Cells and
TITLE OF INVENTION: Animals
FILE REFERENCE: LEX-0102-USA
CURRENT APPLICATION NUMBER: US/09/728,445
CURRENT FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: US 60/168,358
PRIOR FILING DATE: 1999-12-01
NUMBER OF SEQ ID NOS: 891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4.5%; Score 89.2; DB 10; Length 303; 66.5%; Pred. No. 7.3e-12; tive 0; Mismatches 70; Indels 1;
                                                                         1734 GCAAATGATTGATCCATACATATGAAATAAACCATAAA 1771
                                                                                                   2035 AACACCCATACACATAAATAAATAAGGAAACTTAAA 2072
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Patent No. US20020102543A1
GENERAL INFORMATION:
APPLICANT: Friedrich, Glenn
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Patent No. US20020102543A1
GENERAL INFORMATION:
APPLICANT: Friedrich, Glenn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature

: LOCATION: (1)...(303)

: OTHER INFORMATION: n = A,T,C or G

US-09-728-445-834
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US-09-728-445-834
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APPLICANT: Abraham, Irene
TITLE OF INVENTION: Transgenic Mouse Model Of Human Neurodegenerative Disease
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                                                                                                                                                                                                                                                                                                                                   1623 CACTCAGA-GGTGGCTCACAATCATCTGTGACTTCCAGGGGATCTGAAGAATTCT 1681
                                                                                                                                                                                                                                                                                                                                                                                                      203 CCCCCACATGENGGCTCACAACCTTCAGTAACTCCAGTTCCAGGAGATCTGGTGCCCTGT 262
                                                                                                                                                                                                                                                                                                                                                                                                                                        263 TCTGACATCTGCTGGCACCAGGTAGATATGTGGTGCACAGACGGTATATGCAGCCAGTGC 322
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                                                                                                                                                                                            4.3%; Score 86.8; DB 10; Length 367; 64.6%; Pred. No. 3.1e-11;
tive 0; Mismatches 78; Indels 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           323 ACCGTACACATAAAATAAAATTGAAAACTGGAAAACAAAAA 365
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 456 LENGTH: 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: PHRM0303
CURRENT APPLICATION NUMBER: US/09/767,088A
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 60/177,319
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                                                                                                      ; NAME/KEY: misc_feature
; LCCATION: (1)...(367)
; OTHER INFORMATION: n = A,T,C or G
US-09-728-445-456
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                                                                 ORGANISM: Mus musculus
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Best Local Similarity
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                                                      TYPE: DNA
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APPLICANT: Abraham, Irene
TITLE OF INVENTION: Transgenic Mouse Model Of Human Neurodegenerative Disease
FILE REFERENCE: PHRM0303
CURRENT APPLICATION NUMBER: US/09/767,088A
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 60/177,319
PRIOR FILING DATE: 2000-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hook, Derek
APPLICANT: Klimczak, Leszek
APPLICANT: Laeng, Pascal
APPLICANT: Palfreyman, Michael
APPLICANT: Rajan, Prithi
TITLE OF INVENTION: MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
FILE REFERENCE: 3235/1J795-US3
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4.2%; Score 84.6; DB 10; Length 9990;

Best Local Similarity 66.2%; Pred. No. 7.5e-10;

Matches 137; Conservative 0; Mismatches 69; Indels 1:
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CTHER INFORMATION: PrP/tau transgene construct
US-09-767-088A-15
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CURRENT FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: US 60/299,151
PRIOR APPLICATION NUMBER: US 60/299,151
PRIOR PILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-09-07
PRIOR FILING DATE: 2001-09-07
PRIOR FILING DATE: 2001-09-25
PRIOR FILING DATE: 2001-09-25
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-18
PRIOR FILING DATE: 2001-11-18
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                 Sequence 15, Application US/09767088A Patent No. US20020010947A1
                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin version 3.0
SEQ ID NO 15
LENGTH: 9990
                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brockman, Jeffrey
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                                                                                          APPLICANT: Gurney, Mark E.
                                                                   GENERAL INFORMATION:
-09-767-088A-15/c
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100602 TIGACCAGCACTCACAAGATAGCTTACAACTCCTAACTTCAGTTTCAGGGGGTCTGAT 100661
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1615 AGTCCTGGCACTCAGAGGTGGCTCACAATCTGTGACTTCAGTTCCAGGGGATCTGAA 1674
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                                                                                                                                                                                                                                                                                                  4.2%; Score 83.6; DB 9; Length 123192; 62.4%; Pred. No. 5.8e-09; tive 0; Mismatches 79; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100722 TAGGCAAACATACACAGAAAATGAAAGTAA 100751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1735 CAAATGATTGATCCATACATATGAAATAAA 1764
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; Patent No. US20020081668A1
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PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 197
SOFTWARRE: PATENTIN VELSION 3.1
SEQ ID NO 71
LENGTH: 123192
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US-09-728-446-411
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Best Local S
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APPLICANT:
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APPLICANT: Hock, Derek
APPLICANT: Klimczak, Leszek
APPLICANT: Laeng, Pascal
APPLICANT: Laeng, Pascal
APPLICANT: Palfreyman, Michael
APPLICANT: Rajan, Prithi
TITLE OF INVERTION: MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
FILE REFERENCE: 2325/1J795-US3
CURRENT FILING DATE: 2002-06-18
PRIOR PLING DATE: 2001-06-18
PRIOR PLING DATE: 2001-06-18
PRIOR PLING DATE: 2001-09-25
PRIOR PPLICATION NUMBER: US 60/335,150
PRIOR FILING DATE: 2001-09-25
PRIOR PLING DATE: 2001-09-25
PRIOR PLING DATE: 2001-11-14
PRIOR PLING DATE: 2001-11-14
PRIOR PPLICATION NUMBER: US 60/349,936
PRIOR PLING DATE: 2002-01-18
PRIOR PLING DATE: 2002-01-18
PRIOR PPLICATION NUMBER: US 60/349,936
PRIOR PLING DATE: 2002-01-18
PRIOR PPLING DATE: 2002-01-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .1563 GATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAAGTCCTGG 1622
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1742 TTGATCCATACATATGAAATAAACCATAAACAGAAAAA 1779
                                                  294 ACCGTACACATAAAATTAGAAAATTGGAAAAA 331
                                                                                                                                                                       Sequence 97, Application US/10175523
Publication No. US20030096264A1
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Best Local Similarity 63.8%
Matches 157; Conservative
                                                                                                                                                                                                                                                                                  Evans, David
Hook, Derek
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S-09-917-800A-625/c Sequence 625, Application US/09917800A Patent No. US20020119462A1 GENERAL INFORMATION:

RESULT 11

APPLICANT: Mendrick, Donna APPLICANT: Porter, Mark

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1559 GAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAAGTC 1618
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APPLICANT: Laeng, Pascal
APPLICANT: Laeng, Pascal
APPLICANT: Palfreyman, Michael
APPLICANT: Rajan, Prithi
TITLE OF INVENTION: MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
FILE REFERENCE: 3235/1J795-US3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Gaps
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                                                                       APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Molecular Toxicology Modeling
                                                                                                              TITLE OF INVENTION: Molecular Toxicology Models CURRENT APPLICATION NUMBER: US/09/917,800A CURRENT FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: US 60/222,040
PRIOR APPLICATION NUMBER: US 60/222,040
PRIOR FILING DATE: 2000-07-31
PRIOR PRIOR FILING DATE: 2000-11-02
PRIOR PRIOR DATE: 2000-11-02
PRIOR APPLICATION NUMBER: US 60/290,029
PRIOR APPLICATION NUMBER: US 60/290,645
PRIOR APPLICATION NUMBER: US 60/290,645
PRIOR PRIOR APPLICATION NUMBER: US 60/290,45
PRIOR PRIOR DATE: 2001-05-15
PRIOR PRIOR DATE: 2001-05-12
PRIOR APPLICATION NUMBER: US 60/292,336
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: US 60/297,457
PRIOR PRIOR ELING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-19
PRIOR PRILING DATE: 2001-06-19
PRIOR PRILING DATE: 2001-07-09
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Publication No. US20030096264A1
GENERAL INFORMATION:
                      Castle, Arthur
Elashoff, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Rattus norvegicus
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SOFTWARE: Patentin Ver, 2.1
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Matches 144; Conservative
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Johnson, Kory
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Hook, Derek
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                                                   APPLICANT:
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US-09-771-208-20
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Best Local Similarity 64.9%; Pred. No. 5.5e-07;
Matches 150; Conservative 0; Mismatches 68; Indels 13; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                     1; Gaps
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APPLICANT: Zhang, Tifeng
APPLICANT: Lang, Tifeng
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Assays for Taste Receptor Cell Specific
TITLE OF INVENTION: 1on Channel
FILE REFERENCE: 02307E-1149100S
CURRENT APPLICATION NUMBER: US/10/026,188
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: US 60/259,379
PRIOR FILING DATE: 2000-12-29
                                                                                                                                                                                                                                                                                                                                                                 3.9%; Score 78; DB 9; Length /480.61.9%; Pred. No. 9.9e-08; Mismatches 85; Indels
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                                                                                         PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: US 60/333,047
PRIOR FILING DATE: 2001-11-14
PRIOR PLICATION NUMBER: US 60/349,936
PRIOR FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/361,834
PRIOR FILING DATE: 2002-03-04
                 PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: US 60/317,828
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US 60/325,150
PRIOR APPLICATION NUMBER: US 60/299,151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/10026188 Patent No. US20020164645A1
                                                                                                                                                                                                                                                   PatentIn version 3.1
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Best Local Similarity 61.99
Matches 140; Conservative
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                                                                                                                                                                                                                                                                           SEQ ID NO 67
                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                                       SOFTWARE:
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APPLICANT: Laeng, Pascal
APPLICANT: Dalfreyman, Michael
APPLICANT: Palfreyman, Michael
APPLICANT: Palfreyman, Michael
APPLICANT: Palfreyman, Michael
APPLICANT: Rajan, Prithi
TILE REPERENCE: 3255/J195-U53
FULE REPERENCE: 3255/J195-U53
FURENT APPLICATION NUMBER: US 60/299,151
PRIOR PLICATION NUMBER: US 60/299,151
PRIOR PLICATION NUMBER: US 60/399,151
PRIOR FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-09-07
PRIOR PLICATION NUMBER: US 60/333,047
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-14
PRIOR PLICATION NUMBER: US 60/349,936
PRIOR FILING DATE: 2002-01-18
PRIOR PLICATION NUMBER: US 60/361,834
PRIOR PLICATION NUMBER: US 60/361,834
PRIOR PLICATION NUMBER: US 60/361,834
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                        150233 AGCTCTCATATGGCTTCCATTGGCA------CTGGTGTGTGCAGACATGTATGCAG 150280
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                                                                                   1615 AGTCCTGGCACTCAGA-GGTGGCTCACAATCATCTGTGACTTCAGTTCCAGGGGATCTGA 1673
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                                                                                                                                                                        3.7%; Score 73.8; DB 9; Length 130427; 60.1%; Pred. No. 1.5e-06; ive 0; Mismatches 92; Indels 1;
                                                                                                                                                                                                                                                                                                                                 ; Sequence 87, Application US/10175523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 197
SOFTWARE: PatentIn version 3.1
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Matches 140; Conservative
                                                                                                                                                                                                                                                                                                                                                     Publication No. US20030096264A1
GENERAL INFORMATION:
APPLICANT: Brockman, Jeffrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Klimczak, Leszek
                                                                                                                                                                                                                                                                                                                                                                                                                      Evans, David
Hook, Derek
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 130427
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Sequence 20, Application US/09771208
Fatent No. US20020155564a1
GENERAL INPORMATION:
APPLICANT: BRADFORD, ERIC
APPLICANT: BRADFORD, ERIC
TITLE OF INVERTION:
TITLE OF INVERTION: CLONING OF A HIGH-GROWTH GENE
FILE REFERENCE: 407T-923710US
CURRENT APPLICATION NUMBER: US/09/771,208
PRIOR APPLICATION NUMBER: US/09/771,208
PRIOR APPLICATION NUMBER: US/0999,477
PRIOR PILING DATE: 1997-12-29
PRIOR FILING DATE: 1997-12-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (546998)..(547017)
OTHER INFORMATION: n is unidentified a, c, g, or t
LOCATION: (494715)..(494814)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (123459)..(123478)
OTHER INFORMATION: n is unidentified a, c, g, or t
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OTHER INFORMATION: n is unidentified a, c, g, or t
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LOCATION: (390986)..(391005)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (346860)..(346823)
LOCATION: (346860)... n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (317174)..(317193)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (271829)..(271848)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (183872)..(183891)
OTHER INFORMATION: n is unidentified a, c, g, or t
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LOCATION: (280353)..(280373)
OTHER INFORMATION: n is unidentified a, c, g, or t
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LOCATION: (170625)..(170645)
OTHER INFORMATION: n is unidentified a, c, g, or t
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OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
OTHER INFORMATION: n is a, c, g, or t
                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 20
LENGTH: 659158
                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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        Db
        565767 TACCCACTTCTGGATTCAGGGAGCACAAAGTATGCCTATGATGCCCAGACATCCATGCAA 565826

        Oy
        1734 GCAAATGATTGATCCATACATATGAAATAAACCATAAACAAAAA 1779

        Db
        565827 --AAAAGACCCATACACATAAATAAATTGAAGCAAACAAAAA 565870
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Search completed: June 16, 2003, 20:06:25 Job time: 276.155 secs

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Sequence 1, Appliance 1, Appliance 3, Appliance 3, Appliance 1, Applia
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5794.976 Million cell updates/sec
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Patent No. 5395760
Sequence 2, Appli
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                                                                                                                                                                                                                                                                                                                      1 gaagttcacaaccgaaatgt......tgcccagcgcgaggtgcagg 924
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                                                                                                                                                     June 16, 2003, 13:37:06; Search time 48.8991 Seconds
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/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-07-946-507-3

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US-08-252-517-5

US-08-314-5

US-08-102-103-105

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US-08-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    441362 seqs, 153338381 residues
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                                                                                              OM nucleic - nucleic search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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Match Length DB
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Sequence 1, Appli Sequence 3, Appli

Sequence 1, Appli Sequence 1, Appli Sequence 49, Appli Sequence 1, Appli Sequence 2, Appli Sequence 1, Appli			·			
28 35.4 3.8 8438 1 US-07-945-283-1 29 35.4 3.8 4411529 4 US-09-103-840A-1 3 3.8 3.8 7898 4 US-09-103-840A-1 32 34.6 3.7 2010 4 US-09-347-878-15 33 34.2 3.7 2010 4 US-09-347-878-15 3 34.2 3.7 1028 4 US-08-943-731-4 3 34.2 3.7 1028 4 US-08-18-200-1 3 34.2 3.7 1028 4 US-08-18-20-1 3 34.2 3.7 1028 4 US-08-18-20-1 3 34.2 3.7 1028 4 US-08-18-80-1 3 34.3 35.4 3.6 3378 4 US-09-423-890-11 40 33.2 3.6 3378 3 US-08-756-711-1 41 32.8 3.5 3486 4 US-09-438-906-1 42 32.8 3.5 3486 4 US-09-438-906-1 43 32.6 3.5 4403765 4 US-09-103-840A-2 45 32.4 3.5 2538 3 US-08-737-4138-1	RESULT 1	US-08-443-861-1 Sequence 1, Application US/08443861 Sepuence 1, 105199 GENERAL INFORMATION: APPLICANT: Ullrich, Axel APPLICANT: Millauer, Birgit APPLICANT: Millauer, Birgit APPLICANT: Gazit, Aviv APPLICANT: Levizki, Aviv	TITLE OF INVENTION: FIR'1 IS A Receptor For Vascular TITLE OF INVENTION: Edothelial Growth Factor NUMBER OF SEQUENCES: 6 CORRESPONDENCE ADDRESS: ADDRESSE: Pennie & Edmonds STREET: 1155 Avenue of the Americas CITY: New York	isk atible DOS/MS-DOS lease #1.0	FILING DATE: 22-MAY-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: PAPPLAGNITON NUMBER: US 08/193,829 FILING DATE: 09-FEB-1994 ATTONEY/AGENT INFORMATION: NAME: COLUZZI, Laura A. REGISTRATION NUMBER: 30,742 REFERENCE/DOCKET NUMBER: 7683-060	TELEPHONE: (212)790-9990 TELEFAX: (212)869-9741 TELEFAX: (212)869-9741 TELEFAX: (614) PENNE INFORMATION FOR SEQ. ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 5470 base pairs TYPE: nucleic acid STRANDEDNESS: unknown MOLECULE TYPE: DNA FRATURE: NAME/KEY: CDS LOCATION: 286.4386

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CITY:
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                                                                                                 771 -CAGCCGCGGCTGGAGCCAGGGCGCCGGTGCCCCGCGTTTCCCCGGTCTTGCGCTGCGG 829
                                                                                                                                                               130 ACAGCCGCGCTGGAGCCAGGCGCCGGTGCCCCGCGCTCTCCCCGGTCTTGCGCTGCGG 189
                                                     4; Gaps
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                      Length 5470;
                    Query Match
18.3%; Score 169; DB 2; Length 547
Best Local Similarity 98.2%; Pred. No. 4.8e-36;
Matches 213; Conservative 0; Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Blau, Werner
APPLICANT: Risau, Werner
APPLICANT: Millauer, Birgit
APPLICANT: Gazit, Aviv
APPLICANT: Levitzki, Alex
TITLE OF INVENTION: Fik-1 Is A Receptor For Vascular
TITLE OF ENUBRICAN: Endothelial Growth Factor
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/193,829B FILING DATE: 09-FEB-1994
APPROPRIE 09-FEB-1994
                                                                                                                                                                                                                                                                              ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 7683-060
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/08193829B Patent No. 6177401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAUTA A.
REGISTRATION NUMBER: 30,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 5470 base pairs
nucleic acid
EDNESS: unknown
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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US-08-193-829B-1
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US-08-443-861-1
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18.3%; Score 169;

Query Match

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110 GGGC-CATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGGAGGAGTCTGTGTGTT
190 GGGC-CATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAACGAAGTCTGTGCCT 248
                                                   711 GCCCAGACTGTGTCCCCCCAGCCGGGATAACCTGGCTGACCCGGATTCCGCGGACACCGCTG 770
                                                                                                                                                   771 -CAGCCGCGGTGGAGCCACGGCGCCGGTGCCCCGCGTCTCCCCGGTCTTGCGCTGCGG 829
                    4; Gaps
Best Local Similarity 98.2%; Pred. No. 4.8e-36;
Matches 213; Conservative . 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                         890 GAG-AACTGGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                                           PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
PELASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
TITLES DATE: 15-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JMBER: US 07/679,666
02-APR-1991
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28-JUN-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/07813593
Patent No. 5185438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEW
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 02-APR-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5406 base pairs
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APPLICATION NUMBER: US
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: NUCLEIC ACID
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Query Match
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                                                                                                                          1 CTGTGTCCCGCAGCC-GGATAACCTGGCTGACCGGATTCCGCGGACACCCGTGCAGCCGC 59
                                                                                    4; Gaps
                                             Query Match
16.7%; Score 154.6; DB 1; Length 5406;
Best Local Similarity 96.2%; Pred. No. 3.5e-32;
Matches 201; Conservative 0; Mismatrhes 4
                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                              0; Mismatches
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                                                                                                                                                                                                                                                                                                                    179 GGGCTCTGTGCCCAGGCGCGAGGTGCAGG 207
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
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FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US UNASSIGNED FILING DATE: 12-MOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-JUN-1992
PROR APPLICATION DATA:
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FILING DATE: 15-NOV-1991
PRIOR APPLICATION DATA:
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24-DEC-1991
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15-APR-1992
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/07977451
Patent No. 5270458
GENERAL INFORMATION:
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LOCATION: 208..4308
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FILING DATE: 15-APR-1
PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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FILING DATE: 28-JUN
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US-07-813-593-3
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718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCGGATTCCGCGGGACACCGCTGCAGCCGC 777
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TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SQUENCES: 4
CORRESPONDENCE ADDRESS:
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96.2%; Pred. No. 3.5e-32;
tive 0; Mismatches 4
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               APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
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                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEPAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                 28,601
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                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                     LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
                                                                                             REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                       FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity 90.24
hes 201; Conservative
                                                             NAME: Feit, Irving N. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                           mat_peptide
265..4308
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208..264
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                             linear
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PatentIn Release #1.0, Version #1.25

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718 CIGTGICCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCCGC 777
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                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC Compatible
OPERATION: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                               FILING DATE: 26-JUN 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-APR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
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APPLICATION DATA:
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Felt, Irving N.
REGISTRATION NUMBER: 28,601
REGISTRATION NUMBER: 28,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
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FILING DATE: 19-NOV-L...
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/906,397
APPLICATION NUMBER: 26-JUN-1992
                                                                                                                               SUFTWARE, CONTROL DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,517
FILLING DATE: 31-OCT-1994
CLASCIFICATION: 530
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APPLICATION NUMBER: US 07/977,451
FILING DATE: 19-NOV-1992
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TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
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208..264
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STRANDEDNESS: double
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U.S.A.
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US-08-252-517-5
                     10014
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Best Local S
  COUNTRY:
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Sequence 5, Application US/08252517
Patent No. 5548065
GENERAL INFORMATION:
TILLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 10
CORRESPONDE ADDRESS:
ADDRESSED IMCLIONE Systems Incorporated
STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16.7%; Score 154.6; DB 1; 96.2%; Pred. No. 3.5e-32; tive 0; Mismatches 4.
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                                                 PELLING DATE: 19920917
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/793,065
FILING DATE: 15-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/728,913
FILING DATE: 28-UN-1991
PRIOR APPLICATION NUMBER: US/07/728,913
FILING DATE: 28-UN-1991
PRIOR APPLICATION NUMBER: US/07/679,666
FILING DATE: O2-APR-1991
ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 28,601
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEM-3-PPP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEPHONE: 212-645-2054
            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/946,507
FILING DATE: 19920917
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INFORMATION FOR SEQ ID NO: 3:
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LOCATION: 208..4308
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EDNESS: single
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LOCATION: 208..4311
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New York
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Best Local Similarity
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US-07-946-507-3
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778 GGCIGGAGCCAGGGCGCCGGIGCCCCGCGCTCTCCCCGGTTGCGCTGCGGGGGGGCGCAT 837
                                                                                                                                                                                                                                                                                       APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/906.397A
                                                                                                                        897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                            179 GGGCTCTGTGCCCAGGCGAAGTGCAGG 207
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ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
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FILING DATE: 15-NOV-1991
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION DATE: US 07/679,666
FILING DATE: 02-ARR-1991
ATTORNEY AGENT INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                    ; Sequence 5, Application US/07906397A; Patent No. 5621090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Felt, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEB
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Floppy disk
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TYPE: NUCLEIC ACID
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MOLECULE TYPE: CDN
HYPOTHETICAL: NO
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718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCCGC 777
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                                                                                                                                                                                                                                                                           4; Gaps
                                               Query Match
16.7%; Score 154.6; DB 1; Length 5406;
Best Local Similarity 96.2%; Pred. No. 3.5e-32;
Matches 201; Conservative 0; Mismatches 4; Indels 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lemischka, Thor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/601,891
                                                                                                                                                                                                                                                                                                                           897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                                                                               179 GGGCTCTGTGCCAGGCGAAGGTGCAGG 207
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PRIOR APPLICATION DATA:
APPLICATION DATA:
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CLASSIFICATION: 530
PRIOR APPLICATION DATA:
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RICING DATE: 24-DEC-10-1
PRIOR APPLICATION DATE: 08 07/793,065
TIME DATE: 15-NOV-1991
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28-JUN-1991
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Patent No. 5747651
GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
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LOCATION: 208..4308
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PRIOR APPLICATION DATA:
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ZIP: 10014
   ; LOCATION;
US-07-906-397A-5
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NAME/KEY: mat_peptide
CURRENT APPLICATION DATA:
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STRANDEDNESS: double
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APPLICATION NUMBER:
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                                                                                                         PRIOR APPLICATION DATA:
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             APPLICATION NUMBER:
                                                 CLASSIFICATION:
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US-09-021-324-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 16.7%; Score 154.6; DB 1; Length 5406; Best Local Similarity 96.2%; Pred. No. 3.5e-32; Matches 201; Conservative 0; Mismatches 4; Indels 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATIS: YSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
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                                                                               NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REPERENCE/DOCKET NUMBER: LEW
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEPRAX: 212-645-2054
                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                       FRAGMENT TYPE: N-terminal
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208..264
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265..4308
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                 208..4311
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US-08-601-891-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16.7%; Score 154.6; DB 2; Length 5406; Similarity 96.2%; Pred. No. 3.5e-32; | 1. Conservative 0; Mismatches 4; Indels 4;
                                                                                                                                                                                                                                                                                                                                 US PCT/US92/02750
                                                                                                                                           APPLICATION NUMBER: US 07/906,397
APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-JUN 1992
FILING DATE: US 1992
APPLICATION NUMBER: US PCT/US92/05401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 07/728,913 FILING DATE: 28-JUN-1991 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/679,666 FILING DATE: 02-APR-1991 ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LEM-3-7P
                                                                                                                                                                                                                                                                                                                                                                                                US 07/813,593
                                                                                                                                                                                                                                                                                                                                                                                                                                                             US 07/793,065
                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/977,451
FILING DATE: 1992-11-19
US/09/021,324
                                                                                                                                                                                                                            FILLING DATE: 26-JUN-1504
PRIOR APPLICATION DATA:
FILLING DATE: 74 81102961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEB
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-2054
TELEFAX: 212-645-2054
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                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 24-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 15-NOV-1991
                                                                                                                                                                                                          APPLICATION NUMBER: US PURITING DATE: 26-JUN-1992
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208..264
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TOPOLOGY:
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                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LOCATION:
PCT-US92-05401-5
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                                                                                                                                                                                                                  STATE:
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119 ACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGAAGGAGTCTGTGCCTGAGAAACT 178
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                                                                                                                                                             APPLICANT: LEMISCHKA, 1HOR R.
TITLE OF INVENTION: Totipotent Hematopoietic Stem Cell
TITLE OF INVENTION: Receptors And Their Ligands
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                            CORRESPONDENCE ADDRESS:
ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
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                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US92/02750
                                                                                                                                    Sequence 7, Application PC/TUS9202750 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 19920402
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: FEIT, IRVING N.
REGISTRATION NUMBER: 28,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
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208..4308
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208..4311
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MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                      NEW YORK
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LOCATION:
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                                                                                                     RESULT 10
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718 CIGIGICCCGCAGCCGGGAIAACCIGGCIGACCGGAIICCGCGGACACCGCIGCAGCCGC 777
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                                               APPLICANT: Lemischka, Ihor R. TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Indels
                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16.7%; Score 154.6; DB 5; 96.2%; Pred. No. 3.5e-32; tive 0; Mismatches 4;
                                                                                                    NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
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                Sequence 5, Application PC/TUS9205401 GENERAL INFORMATION:
                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application PC/TUS9209893 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
                                                                                                                                                                                                                                                                                                                                                                                                                                       28,601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N
REGISTRATION NUMBER: 28,6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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Best Local Similarity 96.24
Matches 201; Conservative
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MEDIUM TYPE: Floppy
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                                                                                                                                                                                              NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                         NEW YORK
                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 19
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: CDS
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PCT-US92-05401-5
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711 GCCCAGACTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTG 770
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       APPLICANT: Kendall, Richard L. TITLE OF INVENTION: INHIBITOR OF VASCULAR ENDOTHELIAL CELL TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/08786164
Sequence 16, Application US/08786164
GENERAL INFORMATION:
APPLICANT: THOMAS, KENNETH A.
APPLICANT: KENDALL, RICHARD L
TITLE OF INVENTION: INHIBITOR OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: CELL GROWTH FACTOR
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     887 CCTGAGAACT-GGGCTCTGTGCCCAGCGCGAGGTGCAGG 924
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
                                                                                              ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000 126 E Lincoln Avenue
                                                                                                                                                                                                                                                                                                                                                                                                          18888IA
                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 188
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          NAME: Wallen, John W.III
REGISTRATION NUMBER: 35,403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
Thomas, Kenneth A.
                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (908) 594-3905
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63.9%;
                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                      Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2264 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                  ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy C
                                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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Best Local Similarity
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                                                                                                                                                                       USA
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                                                                                                                                                                   COUNTRY:
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                                                                                                                                                     STATE:
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       TITLE OF INVENTION: TOTIBOTENT HEMATOPOIETIC STEM CELL TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FLIMG DATE: 19921116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             119 GGGCTCTGTGCCCAGGCGCGAGGTGCAGG 207
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                                                                              ADDRESSEE: ImClone Systems Incorporated STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 16, Application US/08232538; Patent No. 5712380; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Felt, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEB
                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5406 base pairs
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LOCATION: 265..4308
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208..264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 5406 page. TYPE: NUCLEIC ACID
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208..4311
                           NUMBER OF INVENTION: RECORRESPONDENCE ADDRESS:
                                                                                                                                                                                     COMPUTER READABLE FORM:
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                                                                                                                  New York
: New York
RY: U.S.A.
                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                     COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
LOCATION:
pcr-US92-09893-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           201;
                                                                                                     STREET:
CITY: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Gaps 5;

USA

COUNTRY:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              711 GCCCAGACTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTG 770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  771 CAGCCGCCGGCTGGAGCCAGGCCGCTGCCCCGCGCTCTCCCCGGTCTTGCGCTGCGGG 830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          831 G----GCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGGAGGAGTCTGTG 886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouery Match 7.6%; Score 70.6; DB 2; Length 2264; Best Local Similarity 63.9%; Pred. No. 9.3e-10; Matches 140; Conservative 0; Mismatches 74; Indels 5; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: DASCO, Olivia E. APPLICANT: Tabin, Clifford J. TITLE OF INVENTION: Fringe Proteins and Pattern Formation NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                887 CCTGAGAACT-GGGCTCTGTGCCCAGCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   231 CTCCCGAGTTCCGCCATTTCGCCCGGCTCGAGGTGCAGG 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hamilton, Brook, Smith & Reynolds, P.C.
                                                                             SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
PELLING DATE: 21-JAN-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                       1888BDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08586165
Patent No. 6054298
                                                                                                                                                                                                                     NAME: Mark Hand, J
REGISTRATION NUMBER: 36,545
REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-3905
                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: Genomic DNA US-08-786-164-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Two Militia Drive
                                                                                                                                                                                                                                                                              908-594-3905
                                                                                                                                                                                                                                                                                                                                                            2264 base pairs
nucleic acid
                                  Diskette
                                                                                                                                                                                                                                                                                             908-594-4720
                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                             single
                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Massachusetts
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07065-0900
                                                                                                                                                                                                                                                                                                                                                                                                            linear
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STREET: TWO ...
TTY: Lexington
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                                  MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-586-165-1/c
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                                                                                                                                                                                                                                                                                                                                                     LENGTH
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748 ACCCGAITCCGCGGACACCGCTGCAGCCGCGCTGGAGCCAGGGCGCCGGTGCCCCGCGC 807
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 808 TCTCCCCGGTCTTGCGCTGCGGGGCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGG 867
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             188 cggccacgrccccgcgggccgccrccgcTTCgGgGAGGCCTGCTGCGCCGG 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      868 GACGGAGAAGGAGTCTGTGCCTGAGAACTGGGCTCTGTGCCCAGCGCGAGGTGCAG 923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Gaps
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..678, 682..687, 691..807, 811..843, 850..870,
874..990, 994..1056, 1060..1083, 1087..1104, 1108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ouery Match
4.3%; Score 40; DB 3; Length 1120;
Best Local Similarity 51.7%; Pred. No. 0.12;
Matches 91; Conservative 0; Mismatches 85; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  85; Indels
SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                    APPLICATION NUMBER: US/08/586,165
FILING DATE: 16-JAN-1996
CLASSIFICATION: 800
                                                                                                                                                                 REFERENCE/DOCKET NUMBER: HU95-05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Search completed: June 16, 2003, 13:59:53
                                                                                                                     NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                               TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                             LENGTH: 1120 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Job time : 55.8991 secs
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June 16, 2003, 13:47:07; Search time 125.274 Seconds (without alignments) 10680.673 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                               1029858 seqs, 724030393 residues
                                                                                                                                                                                US-09-445-201-1_COPY_6036_6959
                                                                OM nucleic - nucleic search, using sw model
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                           IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. Published Applications_NN:*

1: /cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*

3: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*

5: /cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*

6: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

7: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

7: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

9: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

10: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

11: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

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13: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

14: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

14: /cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*

Description	Sequence 32, Appl Sequence 10, Appl Sequence 1, Appli Sequence 5, Appli Sequence 3, Appli Sequence 33, Appli Sequence 35, Appl Sequence 35, Appl Sequence 35, Appl Sequence 152, Appl Sequence 152, Appl Sequence 152, Appl Sequence 290, Appl Sequence 200, Appl Sequence 10018, Appl Sequence 10018, Appl Sequence 10018, Appl Sequence 10018, Appl Sequence 1, Appli
SUMMARIES 3 ID	10 US-09-738-968-32 9 US-09-966-65-10 10 US-09-919-408-5 10 US-09-919-408-5 10 US-09-919-408-5 10 US-09-967-655-17 9 US-09-967-655-3 9 US-10-121-988-35 10 US-09-864-761-10271 10 US-09-864-761-10271 10 US-09-864-761-10271 10 US-09-864-761-10271 10 US-09-864-10018 10 US-09-764-891-10018 10 US-09-764-891-10018 10 US-09-764-891-10018 10 US-09-764-891-10018
% Query Match Length DB	4487 1 5470 5 5 5 4 7 0 5 5 4 7 0 5 5 4 7 0 5 5 4 7 0 5 1 5 4 7 0 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
% Ouery Match	9.00
Score	909.4 169 169 154.6 154.6 171.4 37.6 37.6 37.8 36.8 36.8 36.8 36.8
Result No.	C C C C C C C C C C C C C C C C C C C

Sequence 1, Appli Sequence 2, Appli Sequence 31, Appl Sequence 51, Appl Sequence 1187, Ap Sequence 1173, Appl Sequence 1, Appli Sequence 36, Appl Sequence 36, Appl Sequence 37, Appl Sequence 37, Appl Sequence 37, Appl Sequence 37, Appl Sequence 37, Appl Sequence 37, Appl Sequence 36, Appl Sequence 36, Appl Sequence 37, Appl Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 37, Appli Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 39, Appl Sequence 39, Appli Sequence 39, Appli Sequence 39, Appli Sequence 39, Appli Sequence 39, Appli Sequence 399, Appli	
99-77-3-6-11-77-3-6-11-77-3-6-11-77-3-6-11-77-3-6-11-77-3-6-11-77-3-6-11-77-3-6-11-77-3-6-11-	US-10-9/8-189-399 US-10-028-072-381 US-10-121-049-381
2224 3683 3683 3683 3683 3683 3683 5035 5035 5035 7108 7108 8192 8192 8192 8192 82236 52236 52236	
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ALIGNMENTS

Database :

SEQUIT 1 -09-738-968-32 Sequence 32, Application US/09738968 Patent No. US20010037016A1 GENERAL INFORMATION. APPLICANT: Contag, Pamela R. APPLICANT: Contag, Pamela R. APPLICANT: Durchlo, Anthony APPLICANT: Lang, Ning TITLE OF INVENTION: MODULATING COMPOSITIONS FOR SCREENING FOR ANGIOGENESIS FILE REFERENCE: 9400-0012_20 CURRENT FILING DATE: 2001-20 CURRENT FILING DATE: 2001-20-1 PRIOR RPPLICATION NUMBER: 09/465,978 NUMBER OF SEQ ID NOS: 45 SOFTWARE: Patentin Ver. 2.1 LENGIN: A487 TYPE: DNA ORGANISM: MUS Sp.	Query Match 98.4%; Score 909.4; DB 10; Length 4487; Best Local Similarity 99.8%; Pred. No. 3.2e-281; Matches 921; Conservative 0; Mismatches 1; Indels 1; Gaps 1;	GAAGTTCACAACCGAAATGTCTTCTAGGCTAATCAGGTAACTTCGGACGATTAAAGTT 60 	GCCAGATGGACCAGAAAACAGTAGAGGCGTTGGCAACCTGGATAAGCGCCTATCTTAA	TTAAAACATTCAGACGGGGGGGGGGTGCGGTGGCCAAAGCACCATAAAACAAAC	AAGTACTGACCAACTCACTGCAAGTTTGTGCCCCGAGTACATCTAGGTTCAGGGTTCTT
RESULT 1 US-09-738-968-32 Sequence 32, Ap. Petent No. US20 GENERAL INFORMA APPLICANT: Con APPLICANT: Pu CURREW APPLIC CURREW APPLICA PRIOR RIFING D NUMBER OF SEQ. SOFTWARE: Pater NUMBER OF SEQ. SOFTWARE: Pater SEQ. ID NO 32 LENGTH: 4487 TYPE: DNA TYPE: DNA TYPE: DNA TYPE: DNA TYPE: ORGANISM: MUS	Query Match Best Local S Matches 921	1 3563	3623	3683	181 <i>i</i> 3743 <i>i</i>
RESULT US-09- Pace General APPI APPI HILL TITI FILL FILL FILL FILL PRIC NUMB SOFT SOFT LEN SOFT LEN CORG	Quer) Best Match	Qy	Qy Db	Qy Db	Qy Db

4;

4; Gaps

Best Local Similarity

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711 GCCCAGACTGTGTCCCCGCAGCCGGGATAACCTGGCTGACCCGGATTCCGCGGACACCGCTG 770
                                                         771 -CAGCCGCGCTGGAGCCAGGGCGCCGGTGCCCCGCGTTCTCCCCGGTCTTGCGCTGCGG 829
                                                                                                                  830 GGGCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGAGAAGAAGTCTGTGCCT 889
                                                                                                                                                                                                                                                                                                                                                                                                                                           Levitzki, Alex
TITLE OF INVENTION: F1k-1 Is A Receptor For Vascular
Endothelial Growth Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
              Indels
                                                                                                                                                                                                                                          890 GAG-AACTGGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
              ..
98.2%; Pred. No. 1.1e-43; tive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/766,678
FILING DATE: 25-Jan-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 7683-060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 286..4386
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/193,829
FILING DATE: 09-FEB-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Coruzzi, Laura A. REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGIH: 5470 base pairs
                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/09766678; Patent No. US20020081650A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 Risau, Werner
Millauer, Birgit
Gazit, Aviv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: unknown MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: New York COUNTRY: U.S.A. ZIP: 10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-766-678-1
                                                                                                                                                                                                                                                                                                                         US-09-766-678-1
                        213;
                        Matches
                                                                                                                                                                                                                                                                                                               RESULT 3
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APPLICANT: And Matt
TILLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TILLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TILLE REPRENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 10
TENGRAL OF 100 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 781 TGGAGCCAGGGCGCCCGGGGTCTCCCCGGTCTTGCGCTGCGGGGGGCGCATACC 840
                                                                                                                                                                                                                                                                                                                                                                                                                                                   661 TAAGCTGTGTTTCCTTAGATCGCGGGACCGCTACCCGGCAGGACTGAAAGCCCAGACTG 720
                                                                                                     540
                                                                                                                                                                                                                                                                                                                                                                                        601 ATTCGCTAGTGTGTAGCCGGCGCTCTTTTTTGCCCTGAGTCCTCAGGACCCCAAGAGAG 660
                                         541 AGTGGGGGGGGTGGCCGGACGCAGGGAGTCCCCACCCTCCCGGTAATGACCCCCGCCCC 600
                                                                                                                                                361 GAIGCITCCCAGGIIGCIGGGGGCCACCAAGIGICTCAGAGCCCAITACIGGCIACAIIII 420
                                                                                                                                                                                                          421 ACTICCACCAGAAACCGAGCIGCGICCAGAITIGCICICAGAIGCGACTIGCCGCCCGGC 480
                                                                                                                                                                                                                                                                     481 ACAGITCCGGGGTAGTGGGGGGGGTGGGCGTGGGAAACCGGGAAACCCAAACCTGGTAICC
                           241 GICTICAIGCICCCAACIGCGGGGGGGAITITIGGTCCCTIGGGACTITCAGIGCAGCGGC
                                                                                      301 GAAGAGATTCTGCACTTGCAGGCTCCTAATGAGGGCGCAGTGGGCCTCGTTTTCTGGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; LOCATION: (286)...(4389)
US-09-967-655-10
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US-09-967-655-10
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711 GCCCAGACTGTGTGCGGGCAGGGGGATAACCTGGCTGACCCGATTCGGGGACACGGTG 770
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                                                                                                                                                     130 ACAGCGGGGTGGAGCCAGGGCGCGGTGCCCCGCGCTCTCCCCGGTCTTGCGCTGGGG 189
                                                                                                                                                                                                   830 GGGCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGAAGGAGTCTGTGCCT 889
                                                                                                                                                                                                                     4; Gaps
     18.3%; Score 169; DB 10; Length 5470; 98.2%; Pred, No. 1.1e-43; Live 0; Mismatches 0; Indels 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                    890 GAG-AACTGGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
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STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: CURROWN>
APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-APR-1992
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FILING DATE: 02-APR-1992
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/919,408
FILING DATE: 31-Jul-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/793,065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 15-NOV-1991
APPLICATION NUMBER: US 07/728,913
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APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
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APPLICATION NUMBER: 07/977,451
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                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/09919408
Patent No. US20020072077A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 10
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                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New York
COUNTRY: U.S.A.
ZIP: 10014
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                    Similarity
                                213;
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Query Match
Best Local {
                                  Matches
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718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCCGC 777
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                                                                                                                                                                                                                                                                                                                                                                           4; Gaps
                                                                                                                                                                                                                                                                                                               DB 10; Length 5406;
                                                                                                                                                                                                                                                                                            16.7%; Score 154.6; DB 10; Lengun. 96.2%; Pred. No. 4.7e-39; "Mismarches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Imclone Systems Incorporated
STREET: 180 Varick Street.
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APPLICATION NUMBER: US/09/021,324
FILING DATE: <Unknown>
APPLICATION NUMBER: US/07/977,451
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                                                                                                                                                                                                                                               LOCATION: 208..264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
             LENGTH: 5406 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 01-Jun-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                    sig_peptide
208..264
                                                                                                                                                                                           mat_peptide
265..4308
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Patent No. US20020119545Al
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                                                                                                 ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                208..4311
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                                                          TOPOLOGY: linear
MOLECULE TYPE: cDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: New York
COUNTRY: U.S.A.
ZIP: 10014
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                                                                                 HYPOTHETICAL: NO
                                                                                                                                            NAME/KEY:
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 17
                                                                                                                                                                                                                       Conservative
                                                                                                                                                      ; LOCATION: (1084)...(1150)
US-09-967-655-17
                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                           Similarity
                                                                                                                                               NAME/KEY: CDS
                                                                                        1267
                                                                                                                                                                                                                           466;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          tch 16.7%; Score 154 6; DB 10; Length 5406; al Similarity 96.2%; Pred. No. 4.7e-39; 201; Conservative 0; Mismatches 4; Indels 4; Caps
                                                                          FILING DATE: 15-APR-1992
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
                                   APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: TW 81102961
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APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: LEM-3-7P
                                                                                                                  APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
APPLICATION NUMBER: US 07/793,065
                                                                                                                                                            FILING DATE: 15-NOV-1991
APPLICATION NUMBER: US 07/728,913
FILING DATE: 1992-11-19
APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 208...264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
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                                                                                                                                                                                                                                            NAME: Feit, Irving N. REGISTRATION NUMBER: 28,601
                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: sig_peptide
LOCATION: 208..264
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265..4308
                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: double
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TOCATION: 208..4311
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                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
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APPLICANT: Andrew T. Watt TITLE OF INVENTION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECTITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-0227
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         760 GGACACCGCTGCAGCCG-CGGCTGGAGCCAGGGCGCCGGTGCCCCGGGGCTCTCCCCGGTC 818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 705 ----CTGAAAGCCCAGACTGTGTCCCGCAGCGGGATAACCTGGCTGACCGATTCCGC 759
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                                                                                                                                                                                                                                                                                                                                                                                                                          335 GGCGCAGTGGGCCTCGT---GTTTCTGGTGGTTCCTGCGGGGCGCAGGT 391
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                                                                                                                                                                                                                                                                                          156 CAAAGCACCATAAAACAAAACTTCCAAGTACTGAC-CAACTCACTGCAAGTTTGTGCCCC 214
                                                                                                                                                                                                                                                                                                         315 GGCATACTIGGCIGAGTATCCGCITCTCCCTTGTGGCTCCAAACTGCTGCAGATTCTCGG 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                  :99
                                                                                                                                                                                                                                     11.9%; Score 110; DB 9; Length 1267; 56.0%; Pred. No. 5.7e-25; tive 0; Mismatches 300; Indels 66
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487 CCGGGGTAGTGGGGGGGGGGGGGAAACCGGGAAACCCAAACCTGGTATCCAGTGGG 546
                                                                                                                                                                                                   547 GGGCGTGGCCGGACGCAGGGAGTCCCCACCCTCCCGGTAATGACCCCGCCCCCATTCGC 606
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                                                                                                  4; Gaps
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APPLICANT: Craid H Day
APPLICANT: Davin C. Dillon
APPLICANT: McGowan, Patrick
APPLICANT: Sleath, Paul R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIACNOSIS AND
FITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION
CURRENT APPLICATION: OF THE OF THE DIACNOSIS AND
FILE REFERENCE: 210.121.538
CURRENT APPLICATION: OF THE OF
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44.9%; Pred. No. 0.12;
ive 0; Mismatches 224; Indels 4;
                                        Best Local Similarity 44.9%; Pred. No. 0.12;
Matches 186; Conservative 0; Mismatches 224; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSEQ for Windows Version 4.0
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Patent No. US20020090610A1
GENERAL INFORMATION:
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Best Local Similarity
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US-09-894-998-35/c
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US-09-894-998-35
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                                                                                                                        Sequence 3, Application US/09967655
Publication No. US20030092649A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
FILE REFERENCE: RTS-0227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 711 GCCCAGACTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTG 770
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1032 AGAAAGAACCGGCTCCCGAGTTCTGGGCATTTCGCCCGGCTCGAGGTGCAGG 1083
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APPLICANT: Sleath, Paul R.
APPLICANT: Sleath, Paul R.
APPLICANT: Sleath, Paul R.
APPLICANT: Swanson, Sally P.
APPLICANT: Swanson, Ryan M.
APPLICANT: Swanson, Ryan M.
APPLICANT: Swanson, Ryan M.
APPLICANT: Swanson, Ryan M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION
CURRENT APPLICATION NUMBER: US_10/10/121,988
CURRENT FILING DATE: 2002-04-11
SOFTWARE: FastSEQ ID NOS: 183
SOFTWARE: FastSEQ IO Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7.7%; Score 71.4; DB 9; Length 5830; 67.0%; Pred. No. 2.4e-12; ive 0; Mismatches 66; Indels 7
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                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
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Publication No. US20030068327A1
GENERAL INFORMATION:
APPLICANT: HOSKen, Nancy Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         best Local Similarity 67.0%;
Matches 148; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; NAME/KEY: CDS
; LOCATION: (304)...(4374)
US-09-967-655-3
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; ORGANISM: HSV-2
US-10-121-988-35
                                                                                                     US-09-967-655-3
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US-09-864-761-10271/c
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Matches
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                                                                                                                                                   1483 cacae----acaaccccaagrerrectrecacccaacccaaccaaccaacagaaca 1428
                                                                         1603 GGCGGCGGAGGAAGAGGCGGAGGACGAGGCCGGGGCCCGAGTCCGACCCGCGCCTCT 1544
                                                                                                              787 CAGGGGGCGCGGTCTCCCCGGTCTTGCGCTGCGGGGGGGCGTATACCGCCTCT 846
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4; Gaps
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APPLICANT: Sleath, Partick
APPLICANT: Sleath, Partick
APPLICANT: Sleath, Partick
APPLICANT: Sleath, Sally P.
APPLICANT: Brans, Lawrence S.
APPLICANT: Working Particia D.
TITLE OF INVENTION: COMPOSITION PHERPES SIMPLEX VIRUS INFECTION
FILE REFERENCE: 210121.538C1
CURRENT APPLICATION WUMBER: US/10/121, 988
CURRENT FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 183
SOFTWARE: FastSEQ for Windows Version 4.0
                                         727 GCAGCCGGGATAACCTGGGTGACCCGATTCCGCGGACACCGCTGCAGCGGGGTGGAGC
                                                                                                                                                                                                                 847 GIGACTICTITGCGGGCCAGGGACGGAGAAGGAGTCTGTGCCTGAGAACTGGGC 900
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                                                                                                                                                                                                                                                                                                                                      Sequence 152, Application US/10121988 publication No. US20030068327Al GENERAL INFORMATION:
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Matches 186; Conservative
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ORGANISM: HSV2
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LENGTH: 3066
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TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
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OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.75
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.78
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.68
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.63
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.63
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.63
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PRIOR PPLICATION NUMBER: PCT/USO1/00662
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-30
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-30
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FILING DATE: 2001-01-30
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
APPLICATION NUMBER: US 09/608,408
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PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00665
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00664
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                             FILE REFERENCE: Aeomica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: GB 24263.6 PRIOR PLING DATE: 2000-10-04 PRIOR PELLING DATE: 2000-10-04 PRIOR FILLING DATE: 2000-09-27 PRIOR PELLICATION NUMBER: PCI/USOI/00666 PRIOR FILLING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
; Sequence 10271, Application US/09864761
; Patent No. US20020048763A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2000-08-03
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NUMBER OF SEQ ID NOS: 49117
                                                                                   APPLICANT: Penn, Sharron G. APPLICANT: Rank, David R. APPLICANT: Hanzel, David K.
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                                                              GENERAL INFORMATION:
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235 TCCACCAGCTTGGGTCCCCTTGGCGACCCGTGCCCCTTTCCCGGACTCCCGCGCGGCTG 176
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
                                                                                                                                                                                                            APPLICANT: Horne, Darci T.
APPLICANT: Horne, Darci T.
APPLICANT: Wockley, Joseph G.
APPLICANT: Scherf, Uwe
Gene Logic, Inc.
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer:
FILE REPRENCE: 44921-5028-WO
CURRENT APPLICATION NUMBER: US/09/880,107
CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR APPLICATION NUMBER: US 60/237,054
PRIOR FILING DATE: 2000-10-02
PRIOR FILING DATE: 2000-10-02
SOFTWARE: PATENTION NUMBER: US 60/237,054
NUMBER OF SEQ ID NOS: 3950
SOFTWARE: PATENTIN Ver. 2.1
IFWCTH: AAA33
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Prior Application removed - See File Wrapper or Palm
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CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
                                                                                                                                                             ; Sequence 3327, Application US/09880107; Patent No. US20020142981A1
; GENERAL INFORMATION:
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Wood, William I.
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Godowski, Paul J.
Gurney, Austin L.
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Best Local Similarity
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                                                                                                                              4.0%; Score 36.8; DB 9; Length 1523;
                                                                                                                                      Matches 35; Conservative 132; Mismatches 308; Indels
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CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 290
LENGTH: 1523
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Gurney, Austin L.
Pan, James
Smith, Victoria
Watanabe, Colin K.
Wood, William I.
NUMBER OF SEQ ID NOS: 612
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ORGANISM: Homo Sapien

US-10-184-644-290
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             SEQ ID NO 290
LENGTH: 1523
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2778 CICCIGGCTCACGGCTCACGACGCCTCCACGCTCCAGGGCCTGCTGCGC 2836
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                                                                              429 CAGAAACGAGCTGCGTCCAGATTTGCTCTCAGATGCGACTTGCCGCCCGGCACAGTTCC 488
                                                                                                                                                             489 GGGGTAGTGGGGAGTGGGCGTGGGAAACCGGGAAACCCAAACCTGGTATCCAGTGGGGG 548
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                                              0; Gaps
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47.7%; Pred. No. 0.29;
tive 0; Mismatches 149; Indels 1
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CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PATENTIN VET. 2.0
Query Match 4.0%; Score 36.8; DB 9; Length 1523; Best Local Similarity 7.4%; Pred. No. 0.18; Matches 35; Conservative 132; Mismatches 308; Indels 0
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Matches 137; Conservative
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US-09-764-891-10015
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US-09-764-891-10015
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Sequence 20,

Sequence

Appl Appl

Sequence

Sequence

Sequence Sequence Sequence

Sequence 35,

Sequence Sequence

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CURRENT APPLICATION DATA:
PAPPLICATION DATA:
FILING DATE:
CLACATION TOWNER: US/08/232.427
                                                 US-09-436-983-1

US-08-480-799-1

US-08-480-784-20

US-08-487-002-20

US-08-483-553-20

US-08-483-002-20

US-08-483-002-20

US-08-488-0118-20

US-08-850-727-20

PCT-US95-10202-20

PCT-US95-10220-20
                                                                                                                                                                                                                                                                                                                          Sequence 14, Application US/08232463
Patent No. 5670367
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLDOX VIRUS
CORRESPONDENCES: 52
ANDRESS:
ANDRESS:
                                                                                                                                                                                           US-08-975-080-35
US-09-630-706-10
US-09-496-694B-3
US-08-699-628-1
                                                                                                                                                                                                                                                                          ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 30472/114 IMMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1800 Diagonal Road, Suite 500 CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: EP 91 114 300.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 3047
TELEPOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
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59065
2017
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ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
EDNESS: single
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STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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           US-08-232-463-14
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STATE:
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                                                                    June 16, 2003, 13:37:06; Search time 124.312 Seconds (without alignments) 5794.976 Million cell updates/sec
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Sequence 209, App
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              App1
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Sequence 3, Appli
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Sequence 1, Appli
Sequence 3, Appli
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Appli
                                                                                                                                                  1 tgaataagatggaggttgcc.....ayggctttcctattggatcc 2349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 16,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 24,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 22,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Description
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
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                                                                                                                                                                                                                                                     882724
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                    /cgn2_6/ptcdata/2/ina/5A_COMB.seq:*
/cgn2_6/ptcdata/2/ina/5B_COMB.seq:*
/cgn2_6/ptcdata/2/ina/6B_COMB.seq:*
/cgn2_6/ptcdata/2/ina/6B_COMB.seq:*
/cgn2_6/ptcdata/2/ina/6B_COMB.seq:*
/cgn2_6/ptcdata/2/ina/ptcTu2_COMB.seq:*
/cgn2_6/ptcdata/2/ina/ptcTu2_cOMB.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-781 891-209
US-09-128-155-16
US-09-660-299-1
US-09-660-299-1
US-09-435-377-1
US-09-149-476-130
US-09-149-476-130
US-09-149-75-16
US-09-128-155-16
US-09-227-357-32
US-09-59-79-14-10
US-08-128-155-17
US-08-126-587C-5
US-08-450-962-3
US-08-450-962-3
US-08-450-962-3
US-08-450-962-3
US-08-724-394A-21
US-08-724-394A-21
                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                        US-09-445-201-1_COPY_8260_10608
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                                                                                                                                                                                                                441362 seqs, 153338381 residues
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                                          OM nucleic - nucleic search, using sw model
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                                                                                                                                                                                                                                                                                                                     Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                           IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                           Issued_Patents NA:*
                                                                                                                                                                                                                                                             Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Match Length DB
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246240
246240
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2.0%; Score 47.6; DB 1; Length 7218;

PTZgpt-F1s linear

US-08-232-463-14

Appl

Sequence 183,

Sequence

US-08-076-011-1 US-09-338-907-183 US-09-218-207-183

17041 37950

Sequence 1, Sequence 1,

Sequence 183,

Query Match

IMMEDIATE SOURCE:

TOPOLOGY:

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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DNA
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                                                                                                         Query Match
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                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                        1563 TAGTIGACTGAAAACTAGTTAICTCGCTGTGAATGACCTGCAGTGGTATGTAICTCTCA 1622
                                                                                                                                                                                                                                                                                                             1383 CTTCTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAGTCTCAAACTTGCGGGTCCA 1442
                                                                                                                                                                                                                                                       1443 TITGICICACICATCAGAAIGCIGGGCTICCAGGIGIGIGCACCACACACTAGGIAGCICGC 1502
                                                                                                                                                                                                1263 TCGTTCACGTTCACTTATTTGCCCAACAACGTCAATGCCAGCTGAGGCCTTAGGAGTCAT 1322
                                                                                                                                      1203 TCACGGCATTGGCTATTTGCCTTGGCTCTTTGCTAATACTTTATTGACATGGCCTCATCT 1262
                                                                            0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Fu, Ying-Hui
APPLICANT: Yu, Chang-En
APPLICANT: Oshima, Junko
APPLICANT: Mulligan, John T.
APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: WERNER'S SYNDROME
              Similarity 8.7%; Pred. No. 0.0012; 38; Conservative 208; Mismatches 192; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: TBM PC Compatible
COMPOTER: TBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               S: SEED and BERRY LLP 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 240052.419
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/781,891
FILING DATE: 27-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 209, Application US/08781891 Patent No. 6090620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1623 AGATGCTTTTTTGCATTT 1640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1486 TGATGCCTACATGCCGTT 1503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 209:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seattle
                         Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-781-891-209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                           Matches
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1368 TATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAGTCT 1427
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Pan, Yang

APPLICANT: Pan, Yang

TITLE OF INVENTION: AND USES THEREOF

TITLE OF INVENTION: AND USES THEREOF

TITLE OF INVENTION: AND USES THEREOF

FILE REPERENCE: 0940,4052011

CURRENT APPLICATION NUMBER: US,09/128,155

CURRENT FILING DATE: 1998-08-03

EARLIER FILING DATE: 1998-07-02

EARLIER FILING DATE: 1997-08-04

EARLIER FILING DATE: 1997-08-04

EARLIER FILING DATE: 1997-08-04

SERLIER FILING DATE: 1997-08-04

SERLIER FILING DATE: 1997-08-04

SOFTWARE: FEASTSEQ for Windows Version 3.0
                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Morris, Arvia E.
APPLICANT: Lee, Chi-Chang
APPLICANT: Thomas, James N.
TITLE OF INVENTION: Expression Augmenting Sequence Elements
                                                                                              y Match
Local Similarity 62.1%; Pred. No. 0.015;
hes 72; Conservative 0; Mismatches 44; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1397 CAGAGICICACTGTGGCCCAGGCTAGTCTCAAACTTGCGGIC 1440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; LOCATION: (1)...(152331); OTHER INFORMATION: n = A,T,C or GUS-09-128-155-16
                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 16, Application US/09128155 Patent No. 6117654
LENGTH: 51259 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                           linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                152331
                                                             ;
US-08-781-891-209
                                                                                                                                                                                                                                                                                                                                                                                      US-09-128-155-16
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98101

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1364 CTGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCAGTGTGTGGCCCAGGCTA 1423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1424 GTCTCAAACT-TGCGGTCCATTTGTCTCACTCATCAGAATGCTGGGCTTCCAGGTGTGTG 1482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.8%; Score 42.2; DB 3; Length 14507;
59.9%; Pred. No. 0.072;
tive 0; Mismatches 58; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Morris, Arvia E.
APPLICANT: Morris, Arvia E.
APPLICANT: Lee, Chi-Chang
APPLICANT: Thomas, James N.
Patent No. 6309841
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
                                                                                                                    OFFWARE: Microsoft Morphe Operating System Software 7.1
SOFFWARE: Microsoft Word for Macintosh, Version 5.1a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1483 CACCACACTAGGTAGCTCGCGTTTTAA 1509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          266 CTGACTACAGGCAAGCTTGTTTGTTTA 292
                                                                                                                                                   APPLICATION NUMBER: US/08/785,150
                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/586,509
FILING DATE: 11-AN-96
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Chinese hamster
IMMEDIATE SOURCE:
CLONE: 2A5-3 lambda CHO sequence
 51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                   SS: single
No. 6027915 Relevant
                                                                                                                                                                                                                                                     NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 284
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09660299
Patent No. 6309841
GENERAL INFORMATION:
                                                                                    E: Floppy disk
Apple Macintosh
                                                                                                                                                                                                                                                                                                                    TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                               DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 14507 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                             COMPUTER: Apple M
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                Seattle
                                                                                                                                                                                 CLASSIFICATION:
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STREET: 51 C.
TTTY: Seattle
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                                                        98101
                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                   HYPOTHETICAL:
                                       COUNTRY:
STREET:
                                                                                                                                                                                                                                                                                                                                                                                                            COPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE:
                             STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-785-150-1
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1364 CIGCTATTAATTAGTTATTCTTCTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTA 1423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match
1.8%; Score 42.2; DB 4; Length 14507;
Best Local Similarity 59.9%; Pred. No. 0.072;
Matches 88; Conservative 0; Mismatches 58; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Morris, Arvia E.
APPLICANT: Lee, Chi-Chang
APPLICANT: Thomas, James N.
TITLE OF INVENTION: Expression Augmenting Sequence Elements
NUMBER OF SEQUENCES: 1
                                                        OPERATING SYSTEM: Apple Operating System Software 7.1 SOFTWARE: Microsoft Word for Macintosh, Version 5.1a APPLICATION NUMBER: US/09/646/0.200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1483 CACCACACTAGGTAGCTCGCGTTTTAA 1509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     266 CTGACTACAGGCAAGCTTGTTTA 292
                                                                                                     US/09/660,299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : IMMEDIATE SOURCE:
CLONE: 2A5-3 lambda CHO sequence
US-09-660-299-1
                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/586,509
                                                                                                                                                                                                                                                                                                                                                                                  SS: single
No. 6309841 Relevant
                                                                                                                                                                                                             NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/POCKET NUMBER: 2841
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Immunex Corporation
STREET: 51 University Street
                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/09435377
Patent No. 6312951
                        MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Apple On
                                                                                                                                                                                                                                                                      TELEPHONE: (206)587-0430
TELEFAX: (206)233-064
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 14507 base pairs
                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: No. 6309841 Rele-
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Chinese hamster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Floppy disk
Apple Macintosh
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                             nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                 CLASSIFICATION:
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STREET: 51
TMV: Seattle
                                                                                                               FILING DATE:
                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL:
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20; Indels
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Patent No. 6420526
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 186 Human Secreted proteins
                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/149,476
CURRENT PILING DATE: 1998-09-08
CURRENT FILING DATE: 1998-03-06
EARLIER APPLICATION NUMBER: 60/040,162
EARLIER PILING DATE: 1997-03-07
EARLIER PAPLICATION NUMBER: 60/040,333
EARLIER PAPLICATION NUMBER: 60/040,333
EARLIER PAPLICATION NUMBER: 60/040,333
EARLIER PAPLICATION NUMBER: 60/038,621
EARLIER FILING DATE: 1997-03-07
EARLIER FILING DATE: 1997-03-07
Pred. No. 0.2;
    73.0%; Pred. w..
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EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,613
EARLIER FILING DATE: 1997-05-23
EARLIER FILING DATE: 1997-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,587
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,492
EARLIER FILING DATE: 1997-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JICATION NUMBER: 60/047,500
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EARLIER FILING DATE: 1997-05-23
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FILING DATE: 1997-05-23
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FILING DATE: 1997-05-23
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FILING DATE: 1997-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/047,600
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,615
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APPLICATION NUMBER: 60/047,597
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,502
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APPLICATION NUMBER: 60/040,163
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APPLICATION NUMBER: 60/040,626
FILING DATE: 1997-03-07
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APPLICATION NUMBER: 60/040,336
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                                                                                                                                       1427 TCAAACTTGCGGTC 1440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                           54; Conservative
                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: PZ002P1
        Best Local Similarity
Matches 54; Conserv
                                                                                                                                                                                                                                                               US-09-149-476-110/c
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Patent No. 6461843
GENERAL INFORMATION:
APPLICANT: WEL, MING-HUI et al.
APPLICANT: WEL, MING-HUI et al.
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1424 GTCTCAAACT-TGCGGTCCATTTGTCTCACTCATCAGAATGCTGGGCTTCCAGGTGTGTG 1482
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
1.8%; Score 42.2; DB 4; Length 14507;
Best Local Similarity 59.9%; Pred. No. 0.072;
Matches 88; Conservative 0; Mismatches 58; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.8%; Score 42; DB 4; Length 65042;
                               OPERATING SYSTEM: Apple Operating System Software 7.1 SOFTWARE: Microsoft Word for Macintosh, Version 5.1a CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/435,377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1483 CACCACACTAGGTAGCTCGCGTTTTAA 1509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               THILE REFERENCE: CLOO1139
CURRENT APPLICATION NUMBER: U5/09/784,316
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 266 CTGACTACAGGCAAGCTTGTTTATA 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Chinese hamster
IMMEDIATE SOURCE:
CLONE: 2A5-3 lambda CHO sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LUCATION: (1)...(65042)
, OTHER INFORMATION: n = A,T,C or G'US-09-784-316-3
                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/586,509
FILLING DATE: 11 JAN 96
                                                                                                                                                                                                                                                                                                                                                                                                                           SS: single
No. 6312951 Relevant
                                                                                                                                                                                                                                  NAME: PERKINS, PATRICIA ANNE
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2841
                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DNA (genomic)
                                                                                                                                                                                                                                                                                                             TELEPHONE: (206)587-0430
TELEPAX: (206)23-0644
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 14507 base pairs
                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Q.
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                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ON
N
                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: NO
ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                65042
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HYPOTHETICAL:
                                                                                                                                                                                                       FILING DATE:
                                                                                                                            FILING DATE
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EARLIER APPLICATION NUMBER: 60/047,632
EARLIER PILING DATE: 1997-05-23
EARLIER PILING DATE: 1997-05-23
EARLIER PELING DATE: 1997-05-23
EARLIER PAPLICATION NUMBER: 60/043,580
EARLIER APPLICATION NUMBER: 60/043,580
EARLIER APPLICATION NUMBER: 60/043,580
EARLIER APPLICATION NUMBER: 60/043,580
EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,314
EARLIER APPLICATION NUMBER: 60/043,314
EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/047,596 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,612 ER PAPLICATION NUMBER: 60/048,974
ER FILING DATE: 1997-04-11
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/056,886
ER FILING DATE: 1997-08-22
ER PLICATION NUMBER: 60/056,877
ER FILING DATE: 1997-08-22
ER APPLICATION NUMBER: 60/056,899
ER FILING DATE: 1997-08-22
ER APPLICATION NUMBER: 60/056,893
ER FILING DATE: 1997-08-22
ER APPLICATION NUMBER: 60/056,893
ER FILING DATE: 1997-08-22
ER APPLICATION NUMBER: 60/056,893
ER FILING DATE: 1997-08-22
ER FILING DATE: 1997-08-22 EARLIER FILING DATE: 1997-08-25

EARLIER FILING DATE: 1997-08-25

EARLIER FILING DATE: 1997-08-25

EARLIER APPLICATION NUMBER: 60/056,630

EARLIER APPLICATION NUMBER: 60/056,878

EARLIER PILING DATE: 1997-08-22

EARLIER PILING DATE: 1997-08-22

EARLIER FILING DATE: 1997-08-22

EARLIER PILING DATE: 1997-08-22

EARLIER PILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,872

EARLIER PILING DATE: 1997-08-22

EARLIER PILING DATE: 1997-08-22

EARLIER PILING DATE: 1997-08-22

EARLIER PILING DATE: 1997-08-22

EARLIER FILING NATE: 1997-08-22

EARLIER FILING NATE: 1997-08-22

EARLIER PELICATION NUMBER: 60/056,903

EARLIER PELICATION NUMBER: 60/056,903

EARLIER PELICATION NUMBER: 60/056,903

EARLIER PELICATION NUMBER: 60/056,903 ARLIER FILING DATE: 1997-04-14 ARLIER APPLICATION NUMBER: 60/043,313 ARLIER FILING DATE: 1997-04-11 ARLIER APPLICATION NUMBER: 60/043,672 EARLIER APPLICATION NUMBER: 60/056,880
EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,911
EARLIER APPLICATION NUMBER: 60/056,911
EARLIER APPLICATION NUMBER: 60/056,636
EARLIER PILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,636
EARLIER APPLICATION NUMBER: 60/056,636 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/043,669 FILING DATE: 1997-04-11 SARLIER APPLICATION NUMBER: 60/043,674 ARLIER APPLICATION NUMBER: 60/043,312 ARLIER FILING DATE: 1997-04-11 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/043,315 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,879 APPLICATION NUMBER: 60/056,910 EARLIER FILING DATE: 1997-05-23 FILING DATE: 1997-05-23 FILING DATE: 1997-04-11 EARLIER FILING DATE: 1997-08-22 EARLIER APPLICATION NUMBER: 60/1 EARLIER FILING DATE: 1997-08-22 FILING DATE: 1997-08-22 FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,892
EARLIER APPLICATION NUMBER: 60/057,761
EARLIER APPLICATION NUMBER: 60/057,761
EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-23
EARLIER FILING DATE: 1997-05-23
EARLIER PELLON NUMBER: 60/047,590
EARLIER FILING DATE: 1997-05-23
EARLIER PELLON NUMBER: 60/047,590
EARLIER PELLON NUMBER: 60/047,590
EARLIER FILING DATE: 1997-05-23
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EARLIER FILING NATE: 1997-05-23
EARLIER FILING NATE: 1997-05-23 BARLIER APPLICATION NUMBER: 60/043,576
BARLIER FILING DATE: 1997-04-11
BARLIER FILING DATE: 1997-05-32
BARLIER APPLICATION NUMBER: 60/047,501
BARLIER APPLICATION NUMBER: 60/043,670
BARLIER APPLICATION NUMBER: 60/043,670
BARLIER APPLICATION NUMBER: 60/056,632
BARLIER APPLICATION NUMBER: 60/056,632 EARLIER APPLICATION NUMBER: 60/056,864 EARLIER FILING DATE: 1997-08-22 EARLIER APPLICATION NUMBER: 60/056,631 1997-08-22 UMBER: 60/056,845 EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056, 909
EARLIER APPLICATION NUMBER: 60/056, 909
EARLIER APPLICATION NUMBER: 60/056, 909
EARLIER APPLICATION NUMBER: 60/056, 875
EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056, 908
EARLIER APPLICATION NUMBER: 60/056, 908
EARLIER APPLICATION NUMBER: 60/046, 964
EARLIER APPLICATION NUMBER: 60/046, 964
EARLIER APPLICATION NUMBER: 60/057, 650 APPLICATION NUMBER: 60/043,578 FILING DATE: 1997-04-11 NUMBER: 60/056,664 1997-08-22 APPLICATION NUMBER: 60/056,876 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,881 EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,669 EARLIER FILING DATE: 1997-09-05 EARLIER APPLICATION NUMBER: 60/049,610 EARLIER FILING DATE: 1997-06-13 EARLIER APPLICATION NUMBER: 60/061,060 EARLIER FILING DATE: 1997-10-02 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/ EARLIER FILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/0 EARLIER FILING DATE: 1997-04-11 APPLICATION NUMBER: FILING DATE: FILING DATE:

Ouery Match
Best Local Similarity 61.5%; Pred. No. 0.027;
Matches 67; Conservative 0; Mismatches 42; Indels 0;

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Gaps

Gaps

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Score 40.8; DB 3; Length 152331;
Pred. No. 0.77;
0; Mismatches 42; Indels 0;
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TITLE OF INVENTION: 123 Human Secreted Proteins
FILE REFERENCE: P2010P1
                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/227,357
CURRENT APPLICATION NUMBER: PCT/US98/13684
EARLIER APPLICATION NUMBER: PCT/US98/13684
EARLIER FILING DATE: 1988-07-07
EARLIER PLICATION NUMBER: 60/051,926
EARLIER PPLICATION NUMBER: 60/051,926
EARLIER APPLICATION NUMBER: 60/051,793
EARLIER PILING DATE: 1997-07-08
EARLIER FILING DATE: 1997-07-08
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EARLIER APPLICATION NUMBER: 60/055,948
EARLIER FILING DATE: 1997-08-18
EARLIER APPLICATION NUMBER: 60/055,949
EARLIER FILING DATE: 1997-08-18
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EARLIER APPLICATION NUMBER: 60/055,964
EARLIER FILING DATE: 1997-08-18
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APPLICATION NUMBER: 60/055,947
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EARLIER FILING DATE: 1997-08-18
EARLIER FILING NUMBER: 60/055,950
EARLIER FILING DATE: 1997-08-18
EARLIER FILING NUMBER: 60/055,947
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FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/052,733
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APPLICATION NUMBER: 60/052,795
FILING DATE: 1997-07-08
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EARLIER APPLICATION NUMBER: 60/052,732
EARLIER FILING DATE: 1997-07-08
EARLIER APPLICATION NUMBER: 60/051,931
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EARLIER FILING DATE: 1997-07-08
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FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/052,803
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APPLICATION NUMBER: 60/051,932
                                                                                                                                                                                                                                                                                           Sequence 32, Application US/09227357 Patent No. 6342581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EARLIER FILING DATE: 1997-07-08
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                   Query Match 1.7%;
Best Local Similarity 61.1%;
Matches 66; Conservative (
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EARLIER 2
EARLIER 3
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                                                                                                                                                                                                                                                                       RESULT 11
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                                                                                                                                                                                                                                                                                       APPLICANT: Zianghe YAN, Karen A. KETCHUM, Valentina DIFRANCESCO, Ellen M. BEASLEY TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS, TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND TITLE OF INVENTION: USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     45275 AATATTTTTTTTTTTTGCAGAGACAGGGTCTCACTATGTTGCCAGGCTAGTCTCAAA 45216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1372 AATTAGTTATTCTTCTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAGTCTCAAA 1431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: PAI, YANG
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
TITLE OF INVENTION: AND USES THEREOF
TITLE OF INVENTION: AND USES THEREOF
FILE REFREENCE: 09404/052001
GURRENT APPLICATION NUMBER: US/09/128,155
CURRENT APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/094,646
EARLIER APPLICATION NUMBER: US 60/054,646
EARLIER PILING DATE: 1998-07-02
SOFTWARE: PASSED FOR WINDOWS VERSION 3.0
                                                         1368 TATTAATTAGTTATTCTTCTTCTTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAGTCT 1427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.8%; Score 41.4; DB 4; Length 84495; 76.1%; Pred. No. 0.36;
                                                                                                                   1428 CAAACTIGGGICCATTIGICTCACTCATCAGAATGCTGGGCTTCCAGG 1476
                                                                                                                                         16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                          FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: CL001151CIP
CURRENT APPLICATION NUMBER: US/09/797,906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            . LOCATION: (1)...(152331);
OTHER INFORMATION: n = A,T,C or G
US-09-128-155-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 16, Application US/09128155
; Patent No. 6117654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: (1)...(84495)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                         Seguence 3, Application US/09797906
Patent No. 6329188
                                                                                                                                                                                                                                                                                                                                                                                                                      2001-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Similarity 76.1%;
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NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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LENGTH: 152331
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            84495
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US-09-797-906-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                YPE: DNA
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1359 CCTGCCTGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGCCCA 1418
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US-09-659-791A-10/C.
Sequence 10. Application US/09659791A
Patent No. 6383008
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
TITLE OF INVERTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RTS-0156
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.7%; Score 40.4; DB 4; Length 1838; 68.3%; Pred. No. 0.072; .ive 0; Mismatches 26; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.7%; Score 40.4; DB 4; Length 8133;
61.3%; Pred. No. 0.17;
tive 0; Mismatches 41; Indels 0.
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hes 26; Indels
           EARLIER FILLNG DATE: 1997-08-18
EARLIER FILLNG DATE: 1997-08-18
EARLIER FILLNG DATE: 1997-08-18
EARLIER APPLICATION NUMBER: 60/055,684
EARLIER PELLON DATE: 1997-08-18
EARLIER PELLON DATE: 1997-08-18
EARLIER APPLICATION NUMBER: 60/055,984
EARLIER APPLICATION NUMBER: 60/056,954
EARLIER APPLICATION NUMBER: 60/058,785
EARLIER APPLICATION NUMBER: 60/058,785
EARLIER PILING DATE: 1997-09-12
EARLIER FILING DATE: 1997-09-12
                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: SITE
LOCATION: (1076)
OTHER INFORMATION: n equals a, L, g, or c
EARLIER APPLICATION NUMBER: 60/056,360 EARLIER FILING DATE: 1997-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1419 GGCTAGTCTCAAACTTGCGGTC 1440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       932 GGCTTATCTCAAACTCCTGGGC 911
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Best Local Similarity 68.3%;
----hes 56; Conservative
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US-09-659-791A-10
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Matches 65; Conser
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RESULT 13

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GENERAL INFORMATION:
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
FILE FERRENCE: 09404/05201
TITLE OF INVENTION: NUMBER: US/09/128,155
CURRENT FILING DATE: 1998-08-03
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER PLING DATE: 1998-07-02
EARLIER PLING DATE: 1998-07-02
EARLIER FILING DATE: 1998-07-02
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 176373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1378 TTATTCTTCTCTTCTGAGACAGAGTCTCACTGTGTGGGCCCAGGCTAGTCTCAAACTTGCG 1437
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Causative of Huntington's Disease and Differential 3'
Polyadenylation in the Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1438 GTGCATTTGTCTCACTCAGAATGCTGGGCTTCCAGGTGTGCACCACACT 1491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.7%; Score 40.4; DB 3; Length 176373;
59.6%; Pred. No. 1.1;
Live 0; Mismatches 46; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Bell Seltzer Park & Gibson
STREET: 1211 E. Morehead Street
                   Sequence 17, Application US/09128155
Patent No. 6117654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MBER: US/08/126,587C
24-SEP-1993
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NAME: LAYLON Jr., Samuel G.
REGIESTRATION NUMBER: 22,807
REFERENCE/DOCKET NUMBER: 3477-84
                                                                                                                                                                                                                                                                                                                                                                                               ' LUCATION: (1)...(176373)
' OTHER INFORMATION: n = A,T,C or G
US-09-128-155-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/08126587C
Patent No. 5534438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hayden, Michael
APPLICANT: Goldberg, Paul
APPLICANT: Andrew, Susan
APPLICANT: Lin, Biaoyang
TITLE OF INVENTION: Process for I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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No. 5534438th Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               68; Conservative
                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
US-09-128-155-17/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-126-587C-5/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                        LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                           FEATURE
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Patent No. 5691704:
GENERAL INFORMATION:
APPLICANT: Benorine, Jean L.
APPLICANT: Strosberg, Donny A.
APPLICANT: Strosberg, Donny A.
TITLE OF INVENTION: Nucleotide Sequences Encoding the Murine
TITLE OF INVENTION: Beta3-Adrenergic Receptor and Their Applications
TITLE OF SEQUENCES: 17
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                      0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                          1428 CAAACTTGGGGTCCATTTGTCTCACTCAGATGCTGGGCTTCCAGG 1476
                                                                                                                                                                                                                                                                                                                                                                                                                                           1.7%; Score 40.2; DB 1; Length 380; 60.6%; Pred. No. 0.032; tive 0; Mismatches 43; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/08/087,772A
APPLICATION NUMBER: US/08/087,772A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Bell, Seltzer, Park & Gibson
Post Office Drawer 34009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIE LCATLON.
ATTORNEY AGENT INFORMATION:
NAME: Linker, Raymond O.
REGISTATION UNDRER: 26,419
REFERENCE/DOCKET NUMBER: 3339-
RELECOMMUNICATION INFORMATION:
TELEPROME: 919-881-3140
TELEPROME: 919-881-3140
TELEPROMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1920 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Charlotte
No. 5691155th Carolina
X: USA
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561
TELEPEX: 704-334-2014
INFORMATION FOR SEQ ID. NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 380 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                             POSITION IN GENOME: 4p16.3
                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                           1.7.
Query Match
Best Local Similarity 60.6'
Matches 66; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                  ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 28234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 15
US-08-087-772A-1/C
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STREET: PO:
CITY: Char
                                                                                                                                                                                  HYPOTHETICAL:
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US-08-126-587C-5
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

June 16, 2003, 13:47:07; Search time 318.472 Seconds Run on:

(without alignments) 10680.673 Million cell updates/sec

US-09-445-201-1_COPY_8260_10608

Perfect score: Sequence:

Title:

1 tgaataagatggaggttgcc.....agggctttcctattggatcc 2349

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table:

1029858 seqs, 724030393 residues Searched:

2059716 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2(

length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries Maximum Match 100%

Published_Applications_NA:* Database :

/cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:* /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*/cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*/cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*/cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description		Sequence 35, Appl	Sequence /5, Appl	Sequence 1508, Ap		7) (Sequence 3, Appli	Sequence 9001, Ap	Sequence /52, App	sequence /52, App	Sequence 3, Appli	Sequence 2130, Ap	Sequence 2130, Ap	Sequence 100, App	Sequence 398, App	sednence 288, App	Sequence 1, Appli	Sequence 1, Appli	Segmence 1 Appli	
OB ID	10 US-09-738-968-35	9 US-09-933-797-75	9 113-09-764-868-1508	10 HS-09-770-6898-3	10 US-09-822-246-3	10 US-09-873-737A-3	9 03-09-764-891-9601	9 US-10-074-095-752	10 US-09-764-860-752	10 US-09-949-654-3	9 US-10-091-504-2130	10 US-09-764-869-2130	9 US-10-102-627-100	9 US-10-125-540-598	10 US-09-764-870-508	0 115-10-0-01-31	7 03-10-020-141-1	9 05-09-946-807-1	10 US-09-795-668-1	10 US-09-795-686-1
Query Match Length DB	511	389	32193	98865	197997	4064	13409	5409	5409	368004	10739	10739	8966	20210	20210	174566	10000	150001	1503841	1503841
Query Match	21.8	2.3	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	,			٠. ب	1.9
Score	511	55.2	47.2	47.2	46.6	46	45.6	44.8	44.8	44.8	44.4	44.4	44.2	44.2	44.2	44.2		7 .	7.55	44.2
Result No.	1	7	m	4	ß	9	7	æ	σ	10	11	12	13	14	15	16	17	1 -	9 ;	13
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000	Sequence 3897, Ap	, ,	Sequence 37, Appril	1391	, , , , ,	444	Sequence 2230, Ap	Sequence 0203, Ap	Sequence 0200, Ap	3 200	. ע		, L	n ı	Sequence 5, Appli	Segmence 3, Appl1		ξ	Sequence 14/3, Ap	Sequence I, Appli			, ,	~ -} c	Sequence 24, Appl	,
US-09-764-891-5997	US-10-011-445-12	US-09-748-107-3	US-09-860-670-276	US-09-764-868-1391	US-10-095-407-16	US-09-880-107-2238	US-09-764-891-8205	US-09-764-891-8206	US-09-764-868-1425	100	US-10-288-478-5	115-10-288-478-5	2 %		US-10-185-770-3	US-09-880-107-2086	US-10-091-504-1475	US-09-764-869-1475		US-10-066-543-1080	HS-10-020-141-0	115-09-764-872-908	115-09-673-628-1	US-10-152-7248-24	-60	
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168	818	10708	8205	11316	152331	2482	2854	3271	12712	30350	31766	31766	31766	31766	186957	8966	15275	15275	1691139	582	78025	1101	14507	36303	448	
1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
44	44	44	43.6	43.2	43.2	43	42.8	42.8	42.8	42.8	42.8	42.8	42.8		42.8	42.6	42.6	42.6	42.6	42.4	42.4	42.2	42.2	42.2	42	
20	21	22	23	24	25	26	27	28	59	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
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ALIGNMENTS

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Sequence 35, Application US/09738968

GRNERAL INFORMATION:
APPLICANT: Contag, Pamela R.
APPLICANT: Durchio, Anthony
APPLICANT: Lang, Ming
TITLE OF INVENTION: MODITATING COMPOSITIONS FOR SCREENING FOR ANGIOGENESIS.
TITLE OF INVENTION: MODITATING COMPOUNDS
FILE REFERENCE: 9400-0012.20
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/465,978
PRIOR PPLICATION NUMBER: 09/465,978
PRIOR PLICATION NUMBER: 09/465,978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1898 CTGGTACACAGCATGATAAAAGACAATGGGACGGGTCACAGTGGCTCCCGTCCCTTTCA 1957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1958 GGGGTATGGAGAGGAGCTGTAGAGATGTCTCCAGGGAGTTTTCATTAATCAGAATTT 2017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2018 AGTCAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATCAGAT 2077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                         21.8%; Score 511; DB 10; Length 511;
100.0%; Pred. No. 8.6e-132;
Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                              PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 511; Conservative
                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Mus sp. US-09-738-968-35
US-09-738-968-35
                                                                                                                                                                                                                                                                                             SEQ ID NO 35
LENGTH: 511
                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                                                                                                                                              SOFTWARE:
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Sequence 1, Appli

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1453 TCATCAGAATGCTGGGCTTCCAGGTGTGTGCACCACACTAGGTAGCTCGCGTTTTAAGCT 1512
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                                                                                                                                                                                                                                               84 CCTTCCAAGTGCTAGGACTACAGGTGTGTGCATCTCCACTATCAGGCCTCACTTGTAGAT 143
                                                                               2138 AGGAAAACAGGAACTCCACCCTGGTGCCGTGAATTGCAGAGCTGTTGTGTTGTTGTGA 2197
                                                                                                                                                               2198 CCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGGACTGGGGCAA 2257
2078 GGAGGTICAICGGGTITCAAIGICCCGIAICCIIITGIAAGACCIIGAAGIIGGCAACGC 2137
                                                                                                                                                                                 361 CCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGACTGGGGCAA 420
                                                                                                   24 GAGGCANNGTCTCACTATATGGCTAAGGCTATCCTGGAACTTGCGATCCTCCTATCTCAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Robert A. Sikes et al.

TITLE OF INVENTION: Isolation and Use of Fetal Urogenital

TITLE OF INVENTION: Sinus Expressed Sequences

FILE REFERENCE: 9901-007-999

CURRENT APPLICATION NUMBER: US/09/933,797

CURRENT FILING DATE: 20001-08-22

PRIOR FILING DATE: 1999-05/14

PRIOR FILING DATE: 1999-05/14

PRIOR FILING DATE: 1999-05/14

PRIOR FILING DATE: 1999-05/14

PRIOR FILING DATE: 1998-05-14

PRIOR FILING DATE: 1998-05-14

NUMBER OF SEQ ID NOS: 811

SOFTWARE: FASTEED for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
2.3%; Score 55.2; DB 9; Length 3:
Best Local Similarity 61.3%; Pred. No. 6.1e-05;
Matches 87; Conservative 0; Mismatches 55; Indels
                                                                                                                                                                                                                                                                                                                                        2318 ATTGTTTATGGAAGGGCTTTCCTATTGGATC 2348
                                                                                                                                                                                                                                                                                                                                                              1513 AAGAGCTGGAAGATCCTGATGT 1534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1508, Application US/09764868 Patent No. US20020168711A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         144 GGGAAACAGGAGTGCCCCATCT 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-933-797-75; Sequence 75, Application US/09933797; Patent No. US20020155119A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (1). (389)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 3
US-09-764-868-1508/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Murine
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22812 Traacaagagaaaaacgagagariiggariitrititicgcarriiggiigiirgiiig 22753
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1389 TICTGAGACAGACTCACTGTGTGGCCCAGGCTAGTCTCAAACTTGCGGGTCCATTGTC 1448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ..
O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1329 TTAGICAGIGGGAATTAGAAAGCCIGGAIGCCTGCCTGCTATTAATTAGITAITCTTCTC 1388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: YAN, Chunhua et al.

APPLICANT: YAN, Chunhua et al.

TITLE OF INVENTION: ISOLATED HUMAN RAS-LIKE PROTEINS,

TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING THESE HUMAN RAS-LIKE

TITLE OF INVENTION: PROTEINS, AND USES THEREOF

FILLE REFERENCE: CL001079

CURRENT APPLICATION NUMBER: US/09/770,689A

CURRENT FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 5

SOFTWARE: FastSEQ for Mindows Version 4.0

SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.0%; Score 47.2; DB 10; Length 98865; 61.3%; Pred. No. 0.43; ative 0; Mismatches 48; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match

2.0%; Score 47.2; DB 9; Length 32193;
Best Local Similarity 61.3%; Pred. No. 0.2;
Matches 76; Conservative 0; Mismatches 48; Indels 0;
                                                                                    CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 1510
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1508
; LOCATION: (31313)
; OTHER INFORMATION: n equals a,t,g, or C
US-09-764-868-1508
                                                                                                                                                                                                                                                                                                 LOCATION: (4975)
OTHER INFORMATION: n equals a,t,9, or c
                                                                                                                                                                                                                                                                                                                                                            LOCATION: (4976)
OTHER INFORMATION: n equals a,t,g, or c
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                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapiens
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Matches 76; Conserv
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                                                                                                                                                                                                                                                                               NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                          NAME/KEY: SITE
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                                                                                                                                                                                             LENGTH: 32193
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                                                                                                                                                                                                                                                            FEATURE:
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GENERAL INFORMATION:
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Patent NO. US20020142383A1
GENERAL INFORMATION:
APPLICANT: WERKULOV, Gennady et al.
APPLICANT: WERKULOV, Gennady et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: OUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE REPERENCE: C1001149
CURRENT APPLICATION NUMBER: US/09/822,246
CURRENT FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FASTESQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Duke University
APPLICANT: Lin, Haifen
APPLICANT: Lin, Haifen
TITLE OF INVENTION: PURIFIED AND ISOLATED piwi FAMILY GENES AND GENE
TITLE OF INVENTION: PRODUCTS AND THERAPEUTIC AND SCREENING METHODS USING SAME
TILE REPRENCE: Attorney Docket No. US20020076797A1 180-104/2
CURRENT APPLICATION NUMBER: US/09/873,737A
CURRENT FILING DATE: 1999-12-03
PRIOR PELLING DATE: 1999-12-03
PRIOR PELLING DATE: 1999-12-03
PRIOR FILING DATE: 1998-12-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: (1)...(197997)
; OTHER INFORMATION: n = A,T,C or G
US-09-822-246-3
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SOFTWARE: PatentIn Ver. 2.1
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LOCATION: (458)
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                                         58074 TCCC 58077
1449 TCAC 1452
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ORGANISM: Human
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                                                                                                                                                                                                                                                                                0; Gaps
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PCO08C1
CURRENT APPLICATION NUMBER: US/10/074,095
CURRENT PILING DATE: 2002-02-14
PRIOR PELLING DATE: 2001-01-17
PRIOR PELLING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR PILING DATE: 2000-02-04
PRIOR FILING DATE: 2000-06-28
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Pred. No. 0.11;
0; Mismatches 40; Indels (
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CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEO ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies File Reference: PC006
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Pred. No. 0.32;
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                                             CTHER INFORMATION: n=a or c, Xaa-Leu or Ile
NAME/KEY: misc_feature
LOCATION: (2658)

COTHER INFORMATION: n=a or c, Xaa-Leu or Ile
US-09-873-737A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9601, Application US/09764891
Publication No. US20030077808A1
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; Publication No. US20030077704A1
; GENERAL INFORMATION:
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63.6%;
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Best Local Similarity 63.6%
Matches 70; Conservative
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NAME/KEY: misc_feature
LOCATION: (1337)
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PRICAR PELICATION NUMBER: 60/220, 963
PRICAR PELICATION NUMBER: 60/220, 963
PRICAR PELICATION NUMBER: 60/220, 963
PRICAR APPLICATION NUMBER: 60/220, 963
PRICAR APPLICATION NUMBER: 60/225, 447
PRICAR APPLICATION NUMBER: 60/225, 447
PRICAR APPLICATION NUMBER: 60/225, 757
PRICAR PAPLICATION NUMBER: 60/225, 267
PRICAR PAPLICATION NUMBER: 60/225, 269
PRICAR PAPLICATION NUMBER: 60/225, 334
PRICAR PAPLICATION NUMBER: 60/225, 349
PRICAR PAPLICATION NUMBER: 60/226, 369
PRICAR PAPLICATION NUMBER: 60/229, 344
PRICAR PAPLICATION NU

R FILING DATE: 2000-10-20
R APPLICATION NUMBER: 60/239,935
RR RETLING DATE: 2000-10-13
RR RAPLICATION NUMBER: 60/239,937
RR FILING DATE: 2000-10-13
RR APPLICATION NUMBER: 60/241,787
RR APPLICATION NUMBER: 60/241,787
RR APPLICATION NUMBER: 60/246,474
RR FILING DATE: 2000-10-20 FILING DATE: 2000-09-29
APPLICATION NUMBER: 60/237,039
FILING DATE: 2000-10-07 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,214 FILING DATE: 2000-11-17 FILING DATE: 2000-11-08
APPLICATION NUMBER: 60/249,216
FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,210 APPLICATION NUMBER: 60/225,266 FILING DATE: 2000-08-14 APPLICATION NUMBER: 60/249,218 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,213 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,245 FILING DATE: 2000-10-02 APPLICATION NUMBER: 60/237,040 FILLING DATE: 2000-10-02 APPLICATION NUMBER: 60/240,960 APPLICATION NUMBER: 60/225,759 APPLICATION NUMBER: 60/235,836 APPLICATION NUMBER: 60/215,135 APPLICATION NUMBER: 60/249,208 APPLICATION NUMBER: 60/249,212 APPLICATION NUMBER: 60/249,217 60/249,264 APPLICATION NUMBER: 60/236,367 APPLICATION NUMBER: 60/237,038 FILING DATE: 2000-10-02 APPLICATION NUMBER: 60/237,037 APPLICATION NUMBER: 60/246,532 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/226,681 60/225,213 APPLICATION NUMBER: 60/227,182 APPLICATION NUMBER: 60/225,214 60/249,207 60/249,211 FILING DATE: 2000-08-22 FILING DATE: 2000-09-06 FILING DATE: 2000-06-30 2000-11-17 FILING DATE: 2000-11-17 FILING DATE: 2000-08-22 FILING DATE: 2000-08-14 FILING DATE: 2000-08-14 2000-11-17 2000-11-17 FILING DATE: 2000-09-05 2000-10-02 2000-09-27 2000-08-1 2000-11-1 APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: FILING DATE: FILING DATE: FILING DATE: FILING DATE: FILING DATE: PRIOR PRIOR
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APPLICANT: YAN, Chunhua et al. TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS, TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, TITLE OF INVENTION: AND USES THEREOF FILE REFERENCE: CLO00817
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                                                       1365 IGCTATTAATTAGTTATTCTTCTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAG 1424
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1.9%; Score 44.4; DB 9; Length 10739;
Best Local Similarity 73.1%; Pred. No. 0.59;
Matches 57; Conservative 0; Mismatches 21; Indels 0;
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CURRENT APPLICATION NUMBER: US/10/091,504
CURRENT FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 2442
Prior Application removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                             1413 GGCCCAGGCTAGTCTCAAACTTGCGGTC 1440
                                                                                                                                                         4000 TGCCCAGGCTAGTCTCAAACTCTTGGTC 3973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/949,654
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PRIOR APPLICATION NUMBER: 60/231,572
PRIOR FILING DATE: 2000-09-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LOCATION: (1)...(368004)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-654-3
                                                                                                                                                                                                                                                                                                                   Sequence 3, Application US/09949654 Patent No. US20020127644A1
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Best Local Similarity 62.53
Matches 70; Conservative
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                                                                                                                                                                                                                                                                 RESULT 10
US-09-949-654-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: F
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REPERENCE: PC008
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 1198
SOFTWARR: Patentin Ver. 2.0
EDROTH: 5409
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1.9%; Score 44.8; DB 9;
Best Local Similarity 69.3%; Pred, No. 0.29;
Matches 61; Conservative 0; Mismatches 27;
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NR APPLICATION NUMBER: 60/249, 297

NR FILING DATE: 2000-11-17

NR APPLICATION NUMBER: 60/232, 400

NR FILING DATE: 2000-09-14

NR FILING DATE: 2000-09-08

NR FILING DATE: 2000-09-08

NR APPLICATION NUMBER: 60/232, 081

NR FILING DATE: 2000-09-08

NR APPLICATION NUMBER: 60/232, 080

NR APPLICATION NUMBER: 60/232, 080

NR APPLICATION NUMBER: 60/232, 080

NR APPLICATION NUMBER: 60/231, 414
PRIOR APPLICATION NUMBER: 60/249,297
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/231,400
PRIOR PILING DATE: 2000-09-14
PRIOR PILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,414
PRIOR APPLICATION NUMBER: 60/231,414
PRIOR PILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/233,064
PRIOR PILING DATE: 2000-09-08
PRIOR PILING DATE: 2000-09-08
PRIOR PILING DATE: 2000-914
PRIOR FILING DATE: 2000-914
PRIOR PILING DATE: 2000-914
PRIOR PELING DATE: 2000-914
PRIOR PILING DATE: 2000-114
PRIOR PILING DATE: 2000-10-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                          R PELLING DATE: 2000-09-14

R APPLICATION NUMBER: 60/232,397

R PILING DATE: 2000-09-14

R APPLICATION NUMBER: 60/232,399

R FILING DATE: 2000-09-14

R FILING DATE: 2000-09-14

R FILING DATE: 2000-09-14

R PILING DATE: 2000-09-14

R PILING DATE: 2000-09-14
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US-09-764-860-752
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Best Local Similarity
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6369 CCAGCTAATTTTTTTTTATTATTATAGACACAGGGTCTCACTATGTTGCCCAGGCT 6428
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                                                                                                                                                                                                                                                                                     Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 2442 SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PCONF.
CURRENT APPLICATION NUMBER: US/09/764,869
CURRENT FILING DATE: 2001-01-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Rosen et al. TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
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CURRENT APPLICATION NUMBER: US/10/102,627
CURRENT FILING DATE: 2002-03-22
NUMBER OF SEO ID NOS: 110
Prior Application removed - See File Wrapper or Palm SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 100
LENGTH: 99568
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 100, Application US/10102627 Publication No. US20030054377A1 GENERAL INFORMATION:
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                                        1423 AGTCTCAAACTTGCGGTC 1440
                                                             6429 GGTCTCAAACTCCTGGGC 6446
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Matches 57; Conservative
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LENGTH: 10739
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US-10-125-540-598
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16471 AAGTCTGGGGGCTTTTCTTTTTTTTTTTTTTTTTAGACGGAGTCTCGCTCTGTCGC 16530
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CURRENT FILING DATE: 2001-01.17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 646
SOFTWARE: Patentin Ver. 2.0
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Patent No. US20020042386A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PIZ14
                                                              PARLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FITLE DEFERENCE: PITLAG.
CURRENT APPLICATION NUMBER: US/10/125.540
CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 646
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 598
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                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                    Score 44.2;
Pred. No. 1;
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Sequence 598, Application US/10125540 Publication No. US20030059875A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                      1.9%;
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Best Local Similarity 60.39
Matches 73; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens US-09-764-870-598
                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-125-540-598
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US-09-764-870-598
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OM nucleic - nucleic search, using sw model

Run on:

(without alignments) 5794.976 Million cell updates/sec June 16, 2003, 13:37:06 ; Search time 27.2544 Seconds

US-09-445-201-1_COPY_10094_10608

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1 tttaaatgtgctgtctttag.....agggctttcctattggatcc 515 Perfect score: Sequence:

Scoring table:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0

441362 seqs, 153338381 residues Searched:

Total number of hits satisfying chosen parameters:

882724

length: 0 length: 2000000000 Minimum DB seq Maximum DB seq

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Issued_Patents_NA:*

1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Score Match Length DB ID 30.6 5.9 314 4 US-08-976-259-41 29.8 5.8 24.32 4 US-09-228-941 29.6 5.7 29.6 5.7 4850 4 US-09-228-111-751 29.6 5.7 29.6 5.7 29.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5			dР			SUMMAKLES	
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Sequence 3, Appli	Sequence 159, App	Sequence 2, Appli	Sequence 1, Appli	Sequence 107, App	Sequence 3, Appli	Sequence 5, Appli	4, 4	Sequence 55, Appl	Sequence 58, Appl	Sequence 55, Appl		Sequence 22, Appl	Sequence 22, Appl	22,	25,	25,	Sequence 25, Appl
US-08-985-950-3	US-08-961-527-159	US-09-103-840A-2	US-09-103-840A-1	US-09-149-476-107	US-09-146-053-3	US-09-245-041-5	US-08-510-790-4	US-09-556-877-55	US-09-556-877-58	US-09-620-412C-55	US-09-620-412C-58	US-09-556-877-22	US-09-288-594A-22	US-09-620-412C-22	US-09-556-877-25	US-09-288-594A-25	US-09-620-412C-25
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                  Sequence 41, Application US/08976259
Patent No. 6316609
GENERAL INFORMATION:
APPLICANT: Dillon, Patrick J.
APPLICANT: Choi, Gil H.
APPLICANT: Welch, Rodney A.
TITLE OF INVENTION: Nucleotide Sequence of Escherichia coli Patent No. 6316609
NUMBER OF SEQUENCES: 142
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 4; Length 314;
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                                                                                                                                                                                                                                        ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C. STREET: 1100 New York Ave, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/031,626 AND US 60/061,953
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                               ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             59;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36 688
REFERENCE/DOCKET NUMBER: 1488.0740002/EKS/CBM
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 5.9%; Score 30.6; DB Best Local Similarity 52.8%; Pred. No. 0.97; Matches 66; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                          MSDOS version 6.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/976,259
FILING DATE: Herewith
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TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 41:
                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: MSDOX
OPERATING SYSTEM: MSDOX
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 314 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                        STREET: 1100 mc.
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                                                                                                                                                                                                                                                                                                                                   USA
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US-08-976-259-41
US-08-976-259-41
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                                                                                                                                                                                                                                                                                                        STATE:
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363 ACCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGGACTGGGGCA 422

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APPLICANT: Strabala, Timothy
APPLICANT: Niewenhuizen, Niels
TITLE OF INVENTION: Compositions Isolated from Plant Cells
TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signalling
FILE REFERENCE: 11000/1020
CORRENT APPLICATION NUMBER: US/09/228,986
CURRENT FILING DATE: 1999-01-12
NUMBER OF SEQ ID NOS: 130
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    121 TGAGTTATTTTCCTGATACCTTATCTGTACTTGATGTTACCTGATGCATTTCAAGATCTT 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 181 GTTTGATGCAAAGGGGGGAAAAAATTAAGTCCTCTTTCGATATGTTGACTGCCTTTCTGGT 240
84 AACATCAGAGCAGTCTTCTCGCTTAGAAAAAGCTTTATTAGGTTTTACAAACACAATGTA 143
                                                  423 AAGTCAATCCCACCTTTATACAATGAATTGCTGAAGAGGCCTTTTAAAACTTGGAGTGTG 482
                                                                                                  144 CAGTGATTCAAACCCTCCTATTATAGCTCGTTTTAGAGACTATCTGGAAGATGGTGAGTG 203
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Callid, Inequals J.
APPLICANT: Derti, Adnan
APPLICANT: Lewis, Marcia E.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
APPLICANT: Monahan, John E.
TITLE OF INVENTION: PRODUCTS
TITLE OF INVENTION: PRODUCTS
FILE REFERENCE: CCD -257 (US)
CURRENT FILIGE DATE: 1999-06-08
EARLIER FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
EARLIER PILING DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 850
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Patent No. 6262333
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                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/09228986
Patent No. 6359198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          350 GIGITGGTTTGTGACCA 366
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Pinus radiata US-09-228-986-7
                                                                                                                                                     483 CATIG 487
                                                                                                                                                                                                        204 CATTG 208
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269 CGTATCCTTTTGTAAGACCTTGAAGTTGGCAACGCAGGAAAACAGGAACTCCACCCTGGT 328
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Patent No. 6117654
GENERAL INFORMATION:
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
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tive 0; Mismatches 29; Indels 0
                                                                                                                                                                                                                                                              Query Match 5.7%; Score 29.6; DB 4; Length 568: Best Local Similarity 61.8%; Pred. No. 2.9; Matches 47; Conservative 0; Mismatches 29; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Seathammer, Scott
APPLICANT: Sellhammer, Jeffrey J.
APPLICANT: Yeu, Henry
APPLICANT: Yeu, Henry
APPLICANT: Azimzai, Yalda
APPLICANT: Azimzai, Yalda
APPLICANT: Azimzai, Yalda
TITLE OF INVENTION: MAMMALIAN TOXICOLOGICAL RESPONSE MARKERS
FILE REFERENCE: PC-0007 US
CURRENT APPLICATION NUMBER: US/09/443,184A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature; OTHER INFORMATION: Incyte ID No. 6372431 2302721CB1
US-09-443-184-34
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 34, Application US/09443184A Patent No. 6372431
                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)...(568)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Cunningham, Mary Jane
APPLICANT: Zweiger, Gary
APPLICANT: Kaser, Matthew R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1913 CACTTGGCTTGCAGAG 1928
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Best Local Similarity 61.8%
Matches 47; Conservative
                                                                                             ORGANISM: Homo sapiens
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SEQ ID NO 34
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US-09-128-155-16/c
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                                             LENGTH: 568
                      SEQ ID NO 751
                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                        FEATURE:
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25835 ATGGTGAAGTCATTTCTTTGTCATGTAAGGAGAAATGCTGTTACTATTTTTAAAAACAGA 25776
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        158 AGGGAGTTTTCATTAATCAGCAATTTAGTCAGATCTGTGCATCCTATGCTTTACAAGAAA 217
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APPLICANT: Whitfield, Graham K
TITLE OF INVENTION: ISOLATION OF A GENE ENCODING HUMAN THYROTROPIN BETA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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51.5%; Pred. No. 65;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches 64; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; · APPLICANT: DRAPER, KENNETH G.; ECKER, DAVID J.; MIRABELLI, ; CHRISTOPHER K.; CROOKE, STANLEY T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               400 GAACTTTAACTGGGACTGGGGCAAAGTCAA 429
                 FILE REFERENCE: 09404/052001
CURRENT APPLICATION NUMBER: US/09/128,155
CURRENT FILING DATE: 1998-08-03
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/054,646
EARLIER FILING DATE: 1997-08-04
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/485,297
FILING DATE: 26-FEB-1990
TITLE OF INVENTION: AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/09516352A Patent No. 6365127
                                                                                                                                                                                                                                                                                                                                                               | NAME/KEY: misc_feature
| LOCATION: (1)...(152331)
| OTHER INFORMATION: n = A,T,C or G
US-09-128-155-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 Similarity 51.5%;
68; Conservative
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25715 TTAGAAGATTTT 25704
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NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: HOMO sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
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;Patent No. 5248670
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                                                                                                                                                                                                                                          SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  385 TATGACAGAGCTTGTGAACTTTAACTGGGACTGGGGCAAAGTCAATCCCACCTTTATACA 444
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Pred. No. 4.4;
0; Mismatches 75; Indels
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APPLICANT: Budziszewski, Gregory J.
APPLICANT: Potter, Sharon L.
APPLICANT: Wegrich, Lynette M.
TITLE OF INVENTION: Herbicide Target Genes and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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                  FILE REFERENCE: 25605-28
CURRENT APPLICATION NUMBER: 05/09/516,352A
CURRENT FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: 08/957,545
PRIOR FILING DATE: 1997-10-24
PRIOR FILING DATE: 1993-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/480,921B
CURRENT FILING DATE: 2000-01-11
NUMBER OF SEO ID NOS: 29
SOFTWARE: PARCENTIN VET: 2.1
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; Sequence 24, Application US/09480921B
; Patent No. 6387637
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US-09-480-921B-24
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Best Local Similarity 49.7%;
Matches 74; Conservative (
  SUBUNIT
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                                                                                                                                                                                              SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                            NUMBER OF SEQ ID NOS: 4
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US-09-516-352A-3
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Matches 62; Conserv
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                 NAME/KEY: CDS
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APPLICANT: Bougueleret, Lydie
APPLICANT: Chumakov, 11ya
APPLICANT: Cohen, Annick
TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
TITLE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
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                                                                                                                                                                                                                                                                                        127 GTATGGAGACGAGCTGTAGAGAGGTGTCTCCAGGGAGTTTTCATTAATCAGCAATTTAGT 186
                                                                                                                                                                                                                                                                                                              71 GTGTGCAGGGGTCTTAGAGAAAATATGCCTCAAACGGAATGGCTTAAGCCTGTTCCTGGG 130
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LOCATION: (1)...(3126)
OTHER INFORMATION: reprolysin (ADAM family of metalloprotease)
                                                                                                                    DB 3; Length 2088;
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APPLICANT: Robison, Keith E.
ATTLE OF INVENTION: PROTESCE HOMOLOGS
TITLE OF INVENTION: PROTESCE HOMOLOGS
FILE REFERENCE: 5800-55
CURRENT APPLICATION NUMBER: US/09/392,184
CURRENT APPLICATION NUMBER: US/09/392,184
CURRENT APPLICATION NUMBER: US/09/392,184
SOFTWARE: FASTSEO for Windows Version 3.0
SEQ ID NO S: 33
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                                                                                                                Score 28.8; DB
Pred. No. 11;
0; Mismatches
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Best Local Similarity 52.0%; Pred. No. 17;
Matches 64; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/09392184 Patent No. 6395889
                                                                                                                                                                                                                                                                                                                                                                             187 CAGATCTGTGCATCCT 202
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Best Local Similarity 50.7%;
Matches 69; Conservative (
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           double
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                               ; TOPOLOGY: linear; MOLECULE TYPE: cDNA
US-09-032-365A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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        STRANDEDNESS:
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US-09-392-184-7
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                                                          APPLICANT: Lasham, Annette
TITLE OF INVENTION: Compositions affecting programmed cell
TITLE OF INVENTION: Compositions affecting programmed cell
TITLE OF INVENTION: death and their use in the modification of forestry plant develc
FILE REFERENCE: 1022
CURRENT APPLICATION NUMBER: US/09/325,932A
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 206
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                 37; Indels
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APPLICANT: Nishina, Patsy
APPLICANT: Nagarart, Juergen
APPLICANT: No. 6114502en-Trauth, Konrad
TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
TITLE OF INVENTION: NEUROSENSORY DEFECTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SYSTEM: DOS
FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                      Score 28.8; D
Pred. No. 6.2;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            451 TGCTGAAGAGGCCTTTTAAAACTTGGAG 478
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APPLICATION NUMBER: US/09/032,365A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 64, Application US/09032365A Patent No. 6114502 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650 327-3400
TELEFAX: 650 327-3231
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SEQUENCE CHARACTERISTICS:
LENGTH: 2088 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                    Query Match 5.6%;
Best Local Similarity 58.0%;
Matches 51; Conservative
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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
Patent No. 6451604
GENERAL INFORMATION:
APPLICANT: Flinn, Barry
                                                                                                                                                                                                                                                                                                     ; ORGANISM: Pinus radiata US-09-325-932A-21
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SOFTWARE: FastSEC
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                                                                                                                                                                                              NUMBER SOFTWARE: Fast SEQ ID NO 21
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APPLICANT: Bulmenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chen, Annick
ITILE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC RECIONS CARRYING
ITILE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
ITILE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
ITILE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
CURRENT FILING DATE: 2000-08-16
PRIOR PLICATION NUMBER: US 09/502,330
PRIOR PLILING DATE: 1999-03-23
PRIOR PILING DATE: 1999-03-23
PRIOR PILING DATE: 1999-03-23
PRIOR FILING DATE: 1999-03-23
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1304
SOFTWARE: Patent.pm
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LOCATION: 481.500
OTHER INPORMATION: 10-342-301.misl, potential
NAME/KEY: primer_bind
LOCATION: 201.220
OTHER INFORMATION: upstream amplification primer
LOCATION: 506.623
LOCATION: 606.623
OTHER INFORMATION: downstream amplification primer
US-09-641-638-620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 5.5%; Score 28.4; DB 4; Length 1001; Best Local Similarity 52.5%; Pred. No. 10; Matches 62; Conservative 0; Mismatches 56; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: allele
LOCATION: 501
OTHER INFORMATION: 10-342-301 : insertion of
                                                                                           PRIOR APPLICATION NUMBER: US 09/502,330
PRIOR FILING DATE: 2000-02-11
PRIOR PLING DATE: 1000-02-11
PRIOR PLING DATE: 1999-05-07
PRIOR FILING DATE: 1999-03-23
PRIOR PPLICATION NUMBER: US 09/275,267
PRIOR PPLICATION NUMBER: US 09/275,267
PRIOR PPLICATION NUMBER: US 00/119,917
PRIOR FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 1304
SOFTWARE: Patent.pm
SEQ ID NO 620
LENGTH: 1001
CURRENT APPLICATION NUMBER: US/09/641,638
CURRENT FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 621, Application US/09641638 Patent No. 6432648 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-641-638-621/C
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                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 13
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375 ITCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGACTGGGGCAAAGTCAATCCCA 434
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      435 CCTTTATACAATGAATTGCTGAAGAGCCCTTTTAAAACTTGGAGTGTGCATTGTTAT 492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lee, SOO Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TWF RECEPTOR SUPERFAMENCE.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .;
0
                                                                                                                                                                                                      NAME/KET: primer_bind
LOCATION: 129.148
LOCATION: 129.148
LOCATION: primer bind
LOCATION: 534.551
OTHER INFORMATION: downstream amplification primer, complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 4; Length 1001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           56; Indels
                                                                                                                                 NAME/KEY: misc_binding
LOCATION: 502.521
OTHER INFORMATION: 10-342-373.mis2, potential complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                     OTHER INFORMATION: 10-342-373 : polymorphic base C or T NAME/KEY: misc_binding LOCATION: 481..500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_binding

: CCATION: 489..513

: OTHER INFORMATION: 10-342-373 potential probe

US-09-641-638-621
                                                                                                             OTHER INFORMATION: 10-342-373.mis1, potential
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 5.5%; Score 28.4; DE Best Local Similarity 52.5%; Pred. No. 10; Matches 62; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/052,089A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        % Sequence 8, Application US/09052089A; Patent No. 6346605; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 1975 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 201-487-58
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Hackensack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE:
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allele
                      LOCATION:
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                                                                                                                                                                                                                                                                                                                        334 GAATICCAGAGCIGITGIGITIGIGACCAICTGCCCATICITCCIGITATGACAGA 393
                                                                                                                                                                                                                                                                                                                                             394 GCTTGTGAACTTTAACTGGGACTGGGGCAAAGTCAATCCCACCTTTATACAATGAATTGC 453
                                                                                                                                                                                                                                                                                                                                                                                                                            No. 56210890 No. 5621089disk of No. 5621089th America, Inc.
                                                                                                                                                                                                      Gaps
                                                                                                                                                              Length 1975;
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                                                                                                                                                                                                 0; Mismatches 106; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/434,255
                                                                                                                                                              DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
                                                                                                                                                            Score 28.4; 1
Pred. No. 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 28.4; |
Pred. No. 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-084.434-255-27/C

Sequence 27, Application US/08434255

Sequence 27, Application US/08434255

Patent No. 5621089

GRNERAL INFORMATION:
APPLICANT: Sloma, Alan P.
APPLICANT: Outtrup, Helle
APPLICANT: Dambmann, Claus
APPLICANT: Aaslyng, Dorrit

TITE OF INVENTION: ALKALINE PROTEASE

NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                     HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: mouse
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: AGTIS Dr., CHENTY H.
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 3764,
TELECOMMUNICATION INFORMATION:
TELEFAX: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 27;
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              454 TGAAGAGGCCTTTTAAAA 471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5.5%;
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Best Local Similarity 46.5%;
Matches 92; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 2017 base pairs
TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 10174-6401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                  US-09-052-089A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-434-255-27
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                                   355 GGTTTGTGACCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGA 414
 Gaps
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0
46; Indels
                                                                                    415 CTGGGGCAAAGTCAATCCCACCTTTATACAATGAATTGCTGA 456
0; Mismatches
                                                                                                                                   Search completed: June 16, 2003, 14:00:02 Job time: 33.2544 secs
Conservative
26;
Matches
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(without alignments)
10680.673 Million cell updates/sec
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                                                                                                  June 16, 2003, 13:47:07 ; Search time 69.8225 Seconds
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                                                                                                                                                                                                                                                                                                                                                     2059716
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                                                                                                                   US-09-445-201-1_COPY_10094_10608
515
                                                                                                                                                                                                                                                                                                              1029858 seqs, 724030393 residues
                                                                   - nucleic search, using sw model
                                                                                                                                                                                                                                                        IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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length: 2000000000
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Maximum DB seq
                                                                                                                                                                              Title:
Perfect score:
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                                                                                                      Run on:
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2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
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7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
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/cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:* 10:

Published_Applications_NA:*

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Database

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No. Score Match Length DB ID C 2 39.4 7 735 9 US-09-738-968-35 C 2 39.4 7 735 9 US-09-738-968-35 C 3 31.4 6.1 108.09-770-149-823 C 3 31.4 6.1 1484 9 US-09-764-868-429 C 8 30.8 6.0 473 9 US-09-918-95-28190 C 9 30.8 6.0 473 9 US-09-918-95-28190 C 10 30.8 6.0 473 9 US-09-918-95-129-1 12 30 5.8 8883 10 US-09-991-630-1 13 30 5.8 8883 10 US-09-991-630-1 14 30 5.8 8883 10 US-09-991-630-1 18 29.8 5.8 2432 9 US-10-114-4442		Description	Sequence 35. Appl		Sequence 823. App	Sequence 26. Appl	Sequence 12548. A	Sequence 429. Ann	Sequence 3. Appli	Sequence 305, App	Sequence 28190. A	Sequence 17122. A	Sequence 41, Appl	Sequence 1, Appli		Sequence 7, Appli	7	ŗ.	, ,		Sequence 442, App
Query Query Autch Length D 511 99.2 511 39.4 7.7 735 31.8 6.3 6405 31.4 6.1 249487 31.8 6.0 473 30.8 6.0 473 30.8 6.0 772 30.8 6.0 772 30.8 6.0 772 30.8 6.0 772 30.8 6.0 772 30.8 8883 30.5 8 8883	SUMMARIES	ΩI	US-09-738-968-35	US-09-938-842A-547	US-09-770-149-823	US-09-832-292-26	US-10-198-846-12548	US-09-764-868-429	US-10-026-188-3	US-09-864-761-305	US-09-918-995-28190	US-09-864-761-17122	US-09-956-004-41	US-09-905-129-1	US-09-905-129-5	US-09-905-129-7	US-09-991-630-1	US-09-991-630-5	US-09-991-630-7	US-10-101-464A-7	US-10-184-644-442
SCORE 3 3 9 1 1 1 4 8 3 1 1 1 1 4 8 3 1 1 1 1 4 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DB	10	6	10	6	6	6	6	10	6	10	10	10	10	10	10	10	10	6	6
SCORE 3 3 9 1 1 1 4 8 3 1 1 1 1 4 8 3 1 1 1 1 4 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Length	511	735	617	6405	930	1484	249487	463	473	772	314	8883	8883	8883	8883	8883	8883	2432	440
	ď	Query Match	99.2	7.7	9.9	6.3	6.2	6.1	6.1	0.9	6.0	0.9	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
Result NO. 10. 12. 2. 3. 4. 6. 6. 6. 6. 6. 7. 7. 11. 11. 11. 11. 11. 11. 11. 11.		Score	511	39.4	34	32.2	31.8	31.4	31.4	30.8	30.8	30.8	30.6	30	30	30	30	30	30	29.8	29.6
		Result No.	1	c 5	3	4	c S	9	7	8	ი ე	c 10	11	12	13	14	15	16	17	18	c 19

120 183 180 GGGGTATGGAGACGAGCTGTACAGAGATGTCTCCAGGGAGTTTTCATTAATCAGCAATTT 121 GGGGTATGGAGACGAGCTGTAGAGATGTCTCCAGGGAGTTTTCATTAATCAGCAATTT

124

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Sequence 442, App Sequence 28009, A Sequence 16, Appl Sequence 1120, Appl Sequence 1210, Appl Sequence 184,	SCREENING FOR ANGIOGENESIS	Length 511; Indels 0; Gaps 0;	63	→
US-10 184-634-442 US-09-818-995-28009 US-10-095-407-16 US-10-208-408-44 US-10-208-408-44 US-09-738-626-1210 US-09-907-285-184 US-09-907-81-184 US-09-907-81-184 US-09-907-81-184 US-09-907-81-184 US-09-907-61-184 US-09-907-61-184 US-09-907-61-184 US-09-907-61-184 US-09-907-61-184 US-09-907-61-184 US-09-907-61-184 US-09-907-61-184 US-09-907-61-184 US-09-907-184 US-09-907-184 US-09-907-184 US-09-907-184 US-09-907-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184	ALIGNMENTS 968 COMPOSITIONS FOR COMPOUNDS 9/738,968	Score 511; DB 10; ; Pred. No. 5.7e-168; 0; Mismatches 0;	AAATGTGCTGTCTTTAGAAGCCACTGCCTCAGCTTCTGCAGCTCAGATACCAAAGGAAGT	CLOST MCACARCALGAT AAAANAKCAATI GOGACGGGGTCAKAATIGGGTCCCGTCTTTCA
6 6 6 5 7 7 4 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	ESULT 1 S-09-738-968-35 Sequence 35, Application US/09738 Patent No. USZ0010037016A1 GENERAL INFORMATION: APPLICANT: Contag, Pamela R. APPLICANT: Contag, Pamela R. APPLICANT: Lang, Ning TITLE OF INVENTION: MCDULATING FILE OF INVENTION: MCDULATING FILE REFERENCE: 9400-0012_20 CURRENT FILING DATE: 1999-12-16 PRIOR FILING DATE: 1999-12-16 NUMBER OF SEO ID NOS: 45 SEO ID NO 35 LENGTH: 511 TYPE: DAA ORGANISM: MUS SP.	99.2%; imilarity 100.0% ; Conservative		
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RESULT 1 US-09-738-968-35 Sequence 35 Applica Sequence 35 Applica GENERAL INFORMATION: APPLICANT: Contag, APPLICANT: Contag, TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: FILE REFERENCE: 940 CURRENT APPLICATION CURRENT APPLICATION PRIOR FILING DATE: TYPE: DNA SOFTWARE: PALENTING SEQ ID NO 35 LENGTH: 511 TYPE: DNA US-09-738-968-35	Query Match Best Local S Matches 511	Qy . 4 Db 1	Q Q

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2017 AGTTATGGAAGGAAGGAAGGAAAGAACCAAAGATGAAATTGTAGACATTGATGATG 2076
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   263 ATGTCCCGTATCCTTTTGTAAGACCTTGAAGTTGGCAACGCAGGAAAACAGGAACTCCAC 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          132 GTTTCACAGGTTCTTGTTTCTGACATTAACATTGGTTATGAAGAGATTGTCAACACCCAG 191
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             203 ATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATCAGATGGAGGTTCATCGGGTTTCA
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GENERAL INVOLUTION.

GENERAL INVOLUTION: ALEXEY

TITLE OF INVENTION: MAMMALIAN ALPHA-KINASE PROTEINS, NUCLEIC ACIDS AND

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES THEREOF

FILE REFERENCE: 601-1-098CIP

CURRENT APPLICATION NUMBER: 105/09/832,292

CURRENT FILING DATE: 2001-04-10

PRIOR FILING DATE: 2001-08-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6.6%; Score 34; DB 10; Length 617; 52.1%; Pred. No. 0.34;
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                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Expressed Sequences of Arabidopsis TITLE OF INVENTION: thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      83;
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); Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6.3%; Score 32.2; DE 49.7%; Pred. No. 6.1; tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NOS: 999
FastSEO for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: 05/07/70,149
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/178,506
PRIOR APPLICATION NUMBER: 60/178,506
NUMBER OF SEQ ID NOS: 999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        323 CCTGGTGCCGTGAATTGCAGAGCTGT 348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          192 GTTGTCGCCTTTAATGGCAAACCTGT 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 26; Application US/09832292
Patent No. US20020177205A1
GENERAL INFORMATION:
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                                                          Matthew, Abraham V.
Ledford, Brooke L.
Woessner, Jeffrey P.
Haas, William David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.1
Rameaka, Joshua G.
                                                                                                                                                                                                    Garcia, Carlos A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 49.73
Matches 82; Conservative
                                                                                                                                                                                                                                                                                             Davis, Keith R.
Allen, Keith
Hoffman, Neil
                                                                                                                                                                                                                                                                                                                                                                                                 Hurban, Patrick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 52.1
Matches 76; Conservative
                                                                                                                                                                                                                                  Kricker, Maja
Slader, Ted
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-770-149-823
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LENGTH: 6405
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                APPLICANT:
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APPLICANT: Harper, Jeff
APPLICANT: Racps, Joel
APPLICANT: Anny, Xuoel
APPLICANT: Anny, Xuoel
APPLICANT: Zhu, Tong
TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
TITLE OF INVENTION: SAME, AND METHODS OF USE
FILE REFERENCE: SCRIP1300-3
CURRENT APPLICATION NUMBER: US/09/938,842A
CURRENT FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: US 60/227,866
PRIOR APPLICATION NUMBER: US 60/227,866
PRIOR APPLICATION NUMBER: US 60/227,866
PRIOR PRILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
                                                                 187 CAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATCAGATGGA 246
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                                  244 GGAGGTTCATCGGGTTTCAATGTCCCGTATCCTTTTGTAAGACCTTGAAGTTGGCAACGC 303
                                                                                                                                                              304 AGGAAAACAGGAACTCCACCCTGGTGCCGTGAATTGCAGAGCTGTTGTGTTGGTTTGTGA 363
                                                                                                                                                                                                                                                                                             364 CCATCTGCCCATTCTTCTGTTATGACAGAGCTTGTGAACTTTAACTGGGACTGGGGCAA 423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              481 ATTGTTTATGGAAGGCTTTCCTATTGGATC 511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           484 ATTGTTTATGGAAGGGCTTTCCTATTGGATC 514
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8-09-938-842A-547/c
: Sequence 547, Application US/09938842A
: Patent No. US20020160378A1
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GENERAL INFORMATION:
APPLICANT: GOTLach, Jorn
APPLICANT: Hamilton, Carol M.
APPLICANT: Rice, Jennifer L.
APPLICANT: You'Y SAPLICANT: APPLICANT: You'Y SAPLICANT: You'Y SAPLICANT: You'Y YAN'Y YAN'Y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Arabidopsis thaliana
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     167 GGTTCATAGGTTT 155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 5379
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Best Local Similarity
Matches 52; Conserv
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LENGTH: 735
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6.1%; Score 31.4; DB 9; Length 1484; 61.7%; Pred. No. 4.7;

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303 CAGGAAAACAGGAACTCCACCCTGGTGCCGTGAATTGCAGAGCTGTTGTGTTGTTGTG 362
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Patent No. US20020164645al
GENERAL INFORMATION:
APPLICANT: Zhang, Yifeng
APPLICANT: The Regents of the University of California
ITLE OF INVENTION: Assays for Taste Receptor Cell Specific
ITLE OF INVENTION: Ton Channel
FILE REFERENCE: 02307E-114910US
CURRENT APPLICATION NUMBER: US/10/026,188
CURRENT FILING DATE: 2001-12-21
PRIOR PILING DATE: 2001-12-21
PRIOR PILING DATE: 2000-12-29
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                     ; LOCATION: (1418)
; OTHER INFORMATION: n equals a, L, g, or
US-09-764-868-429
      LOCATION: (9)
OTHER INFORMATION: n equals a,t,g, or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   363 ACCATCTGCCCATTCTTCCTG 383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          71 ACAACCICTATTTTCTTTCAG 91
                                             NAME/KEY: SITE
LOCATION: (10)
OTHER INFORMATION: n equals
                                                                                                                                                          OTHER INFORMATION: n equals
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                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                               NAME/KEY: SITE
LOCATION: (1410)
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T.F.NGTH: 249487
                                                                                                                                                                                NAME/KEY: SITE
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352 GTTGGTTTGTGACCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTG 411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    369 IGCCCATTCTTCCTGTTATGACAGGCTTGTGAACTTTAACTGGGGCTGGGGCAAGTCA 428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             476 TACATATTCTACTAATATTAACAAAGCATGTCAACTTCAATCAGGGGAGGGTGAAAAAAC 417
                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Lillie, James
APPLICANT: Lillie, James
APPLICANT: Ku, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Wang, Youzhen
APPLICANT: Wang, Youzhen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: PHERAPY OF BREAST CANCER
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT APPLICATION NUMBER: 00/207-18
PRIOR PELING DATE: 2002-07-18
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARR: FRSELSEQ for Windows Version 4.0
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                                                                                                          137 TGAAGCTGGGAAAGTAAACCAGAAAGTTAAAGTATGGTTTAGTGA 2181
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                                                                                 412 GGACTGGGGCAAAGTCAATCCCACCTTTATACAATGAATTGCTGA 456
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54.8%; Pred. No. 2.6;
tive 0; Mismatches 52;
                                                                                                                                                                                                                                       Sequence 12548, Application US/10198846
Publication No. US20030099974A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LOCATION: 1, 2, 3, 4, 5, 6, 7
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-12548
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Best Local Similarity
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US-09-764-868-429
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133026 GCTTGAGAAATGTCTGAGGCACAGAGCAAAGCAAGTTGGAGTTTCAGCAGGTTCCTGTCCG 233085
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                                                                                                                                                                                                                                                                 232906 AAGGGCCCAGGCAGTCCTGGGAGCCCAGCTATCAATCAGCCTTTAGAGTCCCAGAACCC 232965
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                                                                                                                                                                                                          88 AATGGGACGGGGTCACAGTGGCTCCCGTCCCTTTCAGGGGTATGGAGGCGAGGCTAGAG 147
                                                                                                                                                                                                                                                                                                                                                                                                                                            208 TTACAAGAAATGTCAGTGGGCCTGAGATCATCAGATGGAGGTTCATCGGGTTTCAATGTC 267
                                                                                                                                                                                                                                                                                                                           148 AGATGTCTCCAGGGAGTTTTCATTAATCAGCAATTTAGTCAGATCTGTGCATCCTATGCT
                                                                                                                                                      0; Gaps
                                                                                        Length 249487;
                                                                                                                                               0; Mismatches 101; Indels
OTHER INFORMATION: mouse genomic region containing ltrpc5
                                                                                  Query Match 6.1%; Score 31.4; DB 9; Best Local Similarity 47.7%; Pred. No. 1.1e+02; Matches 92; Conservative 0; Mismatches 101;
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233086 TCATCTTTCTTTG 233098

Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 1510
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 429
LENGTH: 1484

LOCATION: (6) OTHER INFORMATION: n equals a,t,g, or c

ORGANISM: Homo sapiens

TYPE: DNA

NAME/KEY: SITE

FEATURE:

Sequence 429, Application US/09764868
Patent No. US20020168711A1
GENERAL INFORMATION:
APPLICANT: ROSEN et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PIZ3
CURRENT APPLICATION NUMBER: US/09/764,868
CURRENT FILING DATE: 2001-01-17

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APPLICANT: Penn, Sharron G.
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
180 ATTTAGTCAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATC 239
                                    183 TAGTCAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATCAGA 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             447 TAATACGATATGGGAACAGTATGTTATAGCAGAAAGGGCCCTGGGCTTGAAATCATTATT 388
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                                                                                                                          240 AGATGGAGGTTCATCGGGTTTCAATGTCCCGTATCCTTTTGTAAGA 285
                                                                                                                                                        296 TGCAGGGGATTCATTGGTCTCAGATGGGCCAAATGCTCTTGTAGGA 251
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                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hyseg, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            243 TGGAGGTTCATCGGGTTTCAATGTCCCGTATCCTTTTG 280
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6.0%; Score 30.8; DI ilarity 57.1%; Pred. No. 3.8; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR FILICATION NUMBER: US/09/235,076
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: PASSEEQ for Windows Version 3.0
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CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-08-03
                                                                                                                                                                                                                                                                                                                                               Sequence 28190, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: (1)...(473)
OTHER INFORMATION: n = A,T,C or G
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LOCATION: (1)...(473)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
Matches 56; Conserv
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LENGTH: 473
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                                                                                                                                                                                                                                                     TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0
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N: EXPRESSED IN FETAL LIVER, SIGNAL = 2.5

N: EXPRESSED IN HELLA SIGNAL = 4.5

N: EXPRESSED IN ADULT LIVER, SIGNAL = 1.9

N: EXPRESSED IN PLACENTA, SIGNAL = 1.4

N: EXPRESSED IN HEART, SIGNAL = 2

N: EXPRESSED IN BRAIN, SIGNAL = 3.8

N: EXPRESSED IN LUNG, SIGNAL = 3.9

N: EXPRESSED IN BONE MARROW, SIGNAL = 1.8

N: EXPRESSED IN BONE MARROW, SIGNAL = 3.9
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SED IN HBL100, SIGNAL = 2.3
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                                                                                                                                                                                                                                                                                                       THILE REPERENCE: AGOMICA-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-06-05

PRIOR FILING DATE: 2000-06-05

PRIOR FILING DATE: 2000-06-07

PRIOR FILING DATE: 2000-09-07

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
                             Sequence 305, Application US/09864761
Patent No. US20020048763A1
                                                                                                                                                        APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence I
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Best Local Similarity 55.7
Matches 59; Conservative
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                                                                                                                              APPLICANT: Penn, Sharron G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: MOTHER INFORMATION: EDUTER INFORMATION: ED
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INFORMATION:
                                                                                             GENERAL INFORMATION
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OTHER INFORMA
US-09-864-761-305
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LENGTH: 463
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Gaps

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363 ACCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGACTGGGGCA 422
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                                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: (72)..(72)
; OTHER INFORMATION: n equals a, t, g, or US-09-956-004-41
                    PRIOR FILING DATE: 1997-10-14
PRIOR APPLICATION NUMBER: 60/031,626
PRIOR FILING DATE: 1996-11-22
PRIOR APPLICATION NUMBER: 60/061,953
                                                                                       PRIOR FILING DATE: 1996-11-22
NUMBER OF SEQ ID NOS: 142
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Escherichia coli
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                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (72)..(72)
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                                                                                                                                                                                     SEQ ID NO 41
LENGTH: 314
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TITLE OF INVENTION: Nucleotide Sequences of Escherichia coli Pathogenicity Islands
FILE REPERBNCE: PB324D1
CURRENT APPLICATION NUMBER: US/09/956,004
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 08/976,259
PRIOR PAPLICATION NUMBER: 08/976,259
PRIOR FILING DATE: 1997-11-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            180 ATTTAGTCAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATC 239
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NY: EXPRESSED IN HELA, SIGNAL = 4.5

NY: EXPRESSED IN HELA, SIGNAL = 1.9

NY: EXPRESSED IN PLACENTA, SIGNAL = 1.4

NY: EXPRESSED IN PLACENTA, SIGNAL = 2

NY: EXPRESSED IN HEART, SIGNAL = 2

NY: EXPRESSED IN HEART, SIGNAL = 2.9

NY: EXPRESSED IN LUNG, SIGNAL = 2.9

NY: EXPRESSED IN LUNG, SIGNAL = 2.9

NY: EXPRESSED IN BONE MARROW, SIGNAL = 3.9

NY: EXPRESSED IN BONE WARROW, SIGNAL = 3.9
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PRIOR APPLICATION NUMBER: PCT/USOL/00664

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USOL/00662

PRIOR APPLICATION NUMBER: PCT/USOL/00661

PRIOR APPLICATION NUMBER: PCT/USOL/00661

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR APPLICATION NUMBER: US 09/608,408

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2000-06-30

PRIOR FILING DATE: 2000-06-30

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR PILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR PILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR PILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR APPLICATION NUMBER: US 09/774,203
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EXPRESSED IN HBL100,
EXPRESSED IN FETAL LI
                    APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 59; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) OTHER INFORMATION:
) OTHER INFORMATION:
US-09-864-761-17122
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OTHER INFORMATION:
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OTHER INFORMATION:
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US-09-905-129-1

Sequence 1, Application US/09905129

SERENT FILE VERNATION:

TITLE OF INVENTION: AND USES THEREOF

TITLE OF INVENTION: AND USES THEREOF

TITLE OF INVENTION: AND USES THEREOF

CURRENT APPLICATION NUMBER: US/09/905,129

CURRENT PILING DATE: 2001-07-13

PRIOR FILING DATE: 2001-03-08

PRIOR PLILING DATE: 1090-05-30

PRIOR APPLICATION NUMBER: 60/084,944

PRIOR PILING DATE: 1998-05-11

PRIOR APPLICATION NUMBER: 60/085,673

PRIOR APPLICATION NUMBER: 60/085,673

PRIOR APPLICATION NUMBER: 60/085,673

PRIOR APPLICATION NUMBER: 00-05-15

NUMBER OF SEQ ID NOS: 25

SOFTWARE: PatentIn Version 3.0
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423 AAGTCAATCCCACCTTTATACAATGAATTGCTGAAGAGGCCTTTTAAAACTTGGAGTGTG 482
                                        402 ACTITIAACTGGGACTGGGGCAAAGTCAATCCCACCTTTATACAATGAATTGCTGAAGAGG 461
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: LOCATION: (1)..(8883)

: OTHER INFORMATION: 'n' can be any nucleotide 'a', 'c', 'g' or

US-09-905-129-1
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GENERAL INFORMATION:
APPLICANT: Einat, et al
APPLICANT: Einat, et al
TITLE OF INVENTION: GENES ASSOCIATED WITH MECHANICAL STRESS, EXPRESSION PRODUCTS TH
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 540579-2007.3
CURRENT APPLICATION NUMBER: 09/991,630
CURRENT APPLICATION NUMBER: 09/905,129
PRIOR APPLICATION NUMBER: 09/905,129
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2000-12-04
PRIOR FILING DATE: 2000-12-04
PRIOR FILING DATE: 2000-12-04
NUMBER OF SEQ ID NOS: 28
SOFTMARE: PALCALIN VERSION 3.0
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LOCATION: (1)..(8883)

COTHER INFORMATION: 'n' can be any nucleotide 'a', 'c', 'g' or 't'

US-09-991-630-1
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Pred. No. 44;
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                                                                                                                                                                                                                      50; Indels
                         NAME/KEY: misc_feature

: CCATTON: (1)..(8916)

.OTHER INFORMATION: 'n' can be any nucleotide 'a',

US-09-905-129-7
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                                                                                                                                                                5.8%;
                                                                                                                                                                   Query Match 5.89
Best Local Similarity 54.59
Matches 60; Conservative
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APPLICANT: Einat, et al

TITLE OF INVENTION: GENES ASSOCIATED WITH MECHANICAL STRESS, EXPRESSION PRODUCTS THERE
TITLE OF INVENTION: GENES ASSOCIATED WITH MECHANICAL STRESS, EXPRESSION PRODUCTS THERE
FILE REFRENCE: 540579-2007.2

CURRENT APPLICATION NUMBER: US/09/905,129

CURRENT FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/207,821

PRIOR FILING DATE: 2000-03-30

PRIOR FILING DATE: 1008-05-30

PRIOR FILING DATE: 1008-05-15

PRIOR FILING DATE: 1998-05-11

PRIOR FILING DATE: 1998-05-15

NUMBER OF SEQ ID NOS: 25

SOFFWARE: PatentIn version 3.0
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TITLE OF INVENTION: GENES ASSOCIATED WITH MECHANICAL STRESS, EXPRESSION PRODUCTS THERE
TITLE OF INVENTION: APID USES THEREOF
FILE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 540579-2007.2
CURRENT APPLICATION NUMBER: US/09/905,129
CURRENT FILING DATE: 2001-07-13
PRIOR PLING DATE: 2001-03-08
PRIOR PLING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 60/207,821
PRIOR APPLICATION NUMBER: 60/207,821
PRIOR APPLICATION NUMBER: 60/207,821
PRIOR APPLICATION NUMBER: 60/207,821
PRIOR PLING DATE: 1998-05-11
PRIOR FILING DATE: 1998-05-15
FILING DATE: 1998-05-15
FILING DATE: 1998-05-15
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6347 ACTGAGGTGAATTTGGGTGAGAATTACTACTGAACTGCTCAGCTACTGG 6396
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: LOCATION: (1)..(8916)
: OTHER O
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                                                                                                                                                             Sequence 5, Application US/09905129
Patent No. US20020137705A1
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SOFTWARE: Patentin version 3.0
SEQ ID NO 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: rattus sp
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June 16, 2003, 13:37:06; Search time 97.6924 Seconds (without alignments) 5794.976 Million cell updates/sec
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GenCore version
Copyright (c) 1993 - 2003
                                                               OM nucleic - nucleic search, using sw model
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                                                                                                                                                                            Title:
Perfect score:
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Maximum DB
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Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued_Patents_NA:*

Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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	7	176.4		5406	Н	US-07-813-593-3	, (*	Ø
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	7	176.4		5406		US-08-601-891-5	, LC	: 4
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	σ.	176.4		5406		PCT-US92-02750-7	, '	₹ 4
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	16			2292		US-09-142-956B-1	-	A
	17	101.8		2383		US-08-232-538-18	-	
	18	101.8		2383		US-08-786-164-18	-	
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	21	101.8		23	-	116	7,	Ø
	22	101.8	5.5	23	7		7	A
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O	56		2.1	28	4	US-09-244-796-17	Sequence 17,	
	27	36.6	2.0	S	4	US-09-309-487-25	Sequence 25,	

Appli Appli

ALIGNMENTS
 RESULT 1 US-08-985-526-35
; Sequence 35, Application US/08985526 ; Patent No. 6080728
: NO
 2
 ; TITLE OF INVENTION: ENCODING ANTI-ANGIOGENIC PEPTIDES AND THEIR USE IN GENE : TITLE OF INVENTION: THERADY
; CORRESPONDENCE ADDRESS:
 STREET: 1220 Market Street, P.O. Box 2207
CITY: Wilmington
; ZIP: 19899
; COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPOLIER: IDM PC COMPOLIDIE COMPOLIER: DATEM PC-DOS AMS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
3 APPLICATION NUMBER: US/08/985,526
FILING DATE:
CENSTAL CATTON:
APPLICATION NUMBER: US 08/608.845
. 7
 ATTORNEY/AGENT INFORMATION:
 NAME: MCMCITOW DI., KODEFT G. TPELECOMMINICATION INFORMATION.
; TELEPHONE: (302) 658-9141
302) 658-5613
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
TYPE: noteic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
Query Match 9.6%; Score 176.4; DB 3; Length 2431; Best Local Similarity 99.4%; Pred No 2 9e-14.
QY 1669 TTTCAGGGGACAGGGGACCTGGACTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
4G

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1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
                                                                                                                                                                                                                                                                                                                                                                                              ImClone Systems Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TW RIIDOG'S
FILING DAME:
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FTLING DATE: 02-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
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26-JUN-1992
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15-NOV-1991
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28-JUN-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                            Sequence 5, Application US/07977451 Patent No. 5270458
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                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 180 Varick Street CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 12-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07.
FILING DATE: 26-JUN-1992
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ATTORNEY/AGENT INFORMATION:
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212-645-2054
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LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: C
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APPLICATION NUMBER:
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APPLICATION NUMBER: (
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CORRESPONDENCE ADDRESS:
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    1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
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                                                                               Gaps
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9.6%; Score 176.4; DB 1; Length 5406;
Best Local Similarity 99.4%; Pred. No. 4.7e-44;
Matches 177; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                       APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/813,593
FILING DATE: 19920415
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
PRIOR APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UNN-1991
PRIOR APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UNN-1991
PRIOR APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                              Sequence 3, Application US/07813593 Patent No. 5185438
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LENGTH: 5406 base pairs
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208..4308
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STRANDEDNESS: single
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MEDIUM TYPE: Floppy
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FEATURE:
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US-07-813-593-3
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423 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 482
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                                                                                                                          APPLICANT: Lemischka, Ihor R. TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NOMBER: US/07/977,451
FILING DATE: 19921119
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FEATURE:
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9.6%; Score 176.4; DB 1; Length
Best Local Similarity 99.4%; Pred. No. 4.7e-44;
Matches 177; Conservative 0; Mismatches 1; Indels
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APPLICANT: Lemischka, Thor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: PREEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/946,507
FILING DATE: 19920917
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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
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FILING DATE: 28-JUN-1991
PRIOR APPLICATION DATA:
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FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
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FILING DATE: 15-NOV-1991
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                                                                    N-terminal
                                                                                                                                                       NAME/KEY: mat_peptide
LOCATION: 265.4308
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208..264
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208..4311
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             MOLECULE TYPE: CDNA HYPOTHETICAL: NO
TOPOLOGY: linear
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                                                                    FRAGMENT TYPE:
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ANTI-SENSE: N
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                                                                                                        NAME/KEY:
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; LOCATION:
US-07-977-451-5
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FEATURE:
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1669 TITCAGGGACAGCGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                            Score 176.4; DB 1;
Pred. No. 4.7e-44;
0; Mismatches 1;
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ADDRESSEE: ImClone Systems Incorporated
STREET: 180 Varick Street
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REFERENCE/DOCKET NUMBER: LEM-3-PPP
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PRIOR APPLICATION DATA:
APPLICATION DATA:
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26-JUN-1992
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               TELECOMMUNICATION INFORMATION TELEPHONE: 212-645-1405 TELEFAX: 212-645-2054
                                                    TELEFAX: 212-645-2054 INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                          Query Match 9.6%;
Best Local Similarity 99.4%;
Matches 177; Conservative
                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
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208..4311
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy
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                                                                                                                                                                             MOLECULE TYPE: CDNA
                                                                                                                                                            TOPOLOGY: linear
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: U.S.A.
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STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.ZIP: 10014
                                                                                                                                                                                                               NAME/KEY:
                                                                                                                                                                                                                                                                    ; NAME/KEY:
; LOCATION:
US-07-946-507-3
                                                                                                                                                                                                                                  LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-252-517-5
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1669 TTTCAGGGGACAGCGGGACCTGGACTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              363 TTGCAGGGGACAGGGGGACCTGGACTTGGCCCAATGCTCAGCGTCAGCGTATTCTGAGGA 422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 5406;
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Patent No. 5147651
GENERAL INFORMATION: APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match 9.6%; Score 176.4; DB 1; Best Local Similarity 99.4%; Pred. No. 4.7e-44; Matches 177; Conservative 0; Mismatches 1;
                                                                                                                         SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LEM-3-PPPPP
                                                                                                                                                                           PARLICATION NUMBER: US/07/906,397A PILING DATE: 19920626 CLASSIFICATION: 536 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/813,593 FILING DATE: 24-DEC-1991 APPLICATION NUMBER: US 07/793,065 FILING DATE: 15-NOV-1991 PRIOR APPLICATION DATA:
                                                                                                                                                                               US/07/906,397A
                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                     IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           28,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 212-645-2054 INFORMATION FOR SEQ ID NO: 5:
                                                                                   Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 5406 base pairs
NUCLEIC ACID
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
                                                                                                                                           SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
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208..4308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Feit, Irving N. REGISTRATION NUMBER:
                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: CDNA HYPOTHETICAL: NO
                                                                                                                       OPERATING SYSTEM:
           NEW YORK
                             U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                     MEDIUM TYPE:
                                           10014
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                                                                                                       COMPUTER:
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                             COUNTRY:
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           STATE:
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Patent No. 56621090
GENERAL INFORMATION:
APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1;
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Pred. No. 4.7e-44;
0; Mismatches 1;
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ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
FILING DATE: 24-DEC-1931

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991

PRIOR APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UN-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UN-1991

FILING DATE: 02-APR-1991

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEM-3-7P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
INFORMATION FOR SEQ ID NO: 5:
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Best Local Similarity 99.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
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FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 177; Conservative
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208..264
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265..4308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: double
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208..4311
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LOCATION:
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LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION:
US-08-252-517-5
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Gaps .,

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESS: IMCIOne Systems Incorporated STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRICE AT LOW HOMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
FILING DATE: 02-APR-1992
FILING DATE: 03-APR-1993
FILING DATE: 24-DEC-1991
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
APPLICATION DATA: 05-APR-1991
APPLICATION DATA: 05-APR-1991
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
APPLICATION NUMBER: US 07/728,913
FILING DATE: 02-APR-1991
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
APPLICATION NUMBER: US 07/679,666
ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N
REFERENCE/NOCKET MUMBER: 15-APR-179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TW 81102961
                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/601,891
FILING DATE: 15-FEB-1996
CLASSIPETCATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,451
FILING DATE: 19-NOV-1992
PRIOR APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-UNN-1992
RICHARD DATE: 26-UNN-1992
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TELECOMMUNICATION:
TELEPHONE: 212-645-1405
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 15-APR-1992
PRIOR APPLICATION DATA:
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265..4308
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208..264
                                                                                                                                                COUNTRY: U.S.A.
ZIP: 10014
COMPUTER READABLE FORM:
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EDNESS: double
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                                                                                                         CITY: New York
STATE: New York
COUNTRY: U.S.A.
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LOCATION:
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LOCATION:
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US-08-601-891-5
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1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
                                                                                1669 TITICAGGGACAGCGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
                                                                                                      1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                         Gaps
                                               0
Score 176.4; DB 1; Length 5406;
Pred. No. 4.7e-44;
0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: ImClone Systems Incorporated
STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 26-JUN-1992
RICAR APPLICATION DATA:
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-APR-1992
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APPLICATION NUMBER: US/07/977,451
FILING DATE: 1992-11-19
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/906,397
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/679,666
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APPLICATION NUMBER: US/09/021,324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: LEM-3-7P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                       RESULT 8
US-09-021-324-5
Sequence 5, Application US/09021324
; Patent No. 5912133
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  Query Match 9.6%;
Best Local Similarity 99.4%;
Matches 177; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 10014
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APPLICANT: Lemisc
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CITY: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Totipotent Hematopoietic Stem Cell
TITLE OF INVENTION: Receptors And Their Ligands
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTER: US 10014

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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3R: LEM-3-PPPPT
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GENERAL INFORMATION:
APPLICANT: LEMISCHKA, IHOR R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-1054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
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Best Local Similarity 99.4%;
Matches 177; Conservative
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NAME: FEIT, IRVING N.
REGISTRATION NUMBER: 28,6
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                         FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                mat_peptide
265..4308
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208..264
                                                                                                                TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
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LOCATION: 208..4311
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CLASSIFICATION:
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ANTI-SENSE: N
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LOCATION:
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99.4%; Pred. No. 4.7e-44;
lve 0; Mismatches 1; Indels 0;
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TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US92/05401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: IMCLONE SYSTEMS INCORPORATED STREET: 180 VARICK STREET
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application PC/TUS9205401 GENERAL INFORMATION:
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TYPE: NUCLEIC ACID
STRANDEDNESS: single
                     LENGTH: 5406 base pairs
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                                                                                                                                                                                                                                                                                                                                 Matches 177; Conservative
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                         NAME/KEY: mat_peptide
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LOCATION: 208..4308
PCT-US92-02750-7
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                                                               single
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                                         TYPE: NUCLEIC ACID
STRANDEDNESS: sing
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: U.S.A.
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Best Local Similarity
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STATE: NEW YORK
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                                                                                                      MOLECULE TYPE:
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LOCATION:
                                                                                                                                                NAME/KEY:
LOCATION:
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                                                                                     TOPOLOGY:
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Ouery Match 9.6%;
Best Local Similarity 99.4%;
Matches 177; Conservative
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US-08-443-861-1
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US-08-443-861-1
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                                                                                                                                                Gaps
                                                                                                   0;
                                                                   Length 5406;
                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: LEMISCHKA, IHOR R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: IMCIONE Systems Incorporated
STREET: 180 Varick Street
                                                              Query Match 9.6%; Score 176.4; DB 5; Best Local Similarity 99.4%; Pred. No. 4.7e-44; Matches 177; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/09893
FILING DATE: 19921116
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application PC/TUS9209893 GENERAL INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
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NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,6
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mat_peptide 208..4308
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265..4308
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208..264
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MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New York
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CLASSIFICATION:
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LOCATION:
NAME/KEY:
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PCT-US92-05401-5
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LOCATION:
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                                                                                1669 TTTCAGGGGACAGGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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9.6%; Score 176.4; DB 5; Length 5406;
99.4%; Pred. No. 4.7e-44;
Ive 0; Mismatches 1; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Risau, Werner
APPLICANT: Millauer, Birglt
APPLICANT: Gazit, Aviv
APPLICANT: Levitzki, Alex
TITLE OF INVENTION: Flk-1 IS A Receptor For Vascular
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,861
FILING DATE: 22-MAY-1995
CLASSIFICATION: 514
RIUR APPLICATION DATA:
APPLICATION NUMBER: US/08/193,829
FILING DATE: 09-FEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1155 Avenue of the Americas
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/08443861
Patent No. 5851999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /AGENT 112.... Coruzzi, Laura A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 76
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 5470 base pairs
nucleic acid
EDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                286..4386
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RY: U.S.A.
10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New York
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1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846

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1669 TTTCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                       1729 AAGGGTATTGGTGACTGAATGCGGCGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
1669 TTTCAGGGGACAGCGGGACCTGGACTTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Millauer, Birgit
APPLICANT: Gazit, Aviv
APPLICANT: Levitzki, Alex
TITLE OF INVENTION: Fik-1 is A Receptor For Vascular
TITLE OF INVENTION: Endothelial Growth Factor
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                UMBER: US/08/193,829B
09-FEB-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7683-060
                                                                                                                                                                                                                                                                           Sequence 1, Application US/08193829B Patent No. 6177401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 76F
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 5470 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (212)869-9741
                                                                                                                                                                                                                                                                                                                                   Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Risau, Werner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 177; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New York
: U.S.A.
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                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Ullrich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-193-829B-1
                                                                                                                                                                                                                                                          US-08-193-829B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                          RESULT 13
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1648 TGATATCTTCCTGGAATACTTTTTCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAA 1707
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DB 1; Length 2264;
                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Thomas, Kenneth A.
APPLICANT: Kendall: Richard Richard L.
TITLE OF INVENTION: GROWTH FACTOR
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                       PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5.5%; Score 101.8; DB 1 73.4%; Pred. No. 3.3e-21;
                                                                                                                                                                                                                                                               5: Merck & Co., Inc.
P.O. Box 2000 126 E Lincoln Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/232,538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 18888IA
                                                                                                                                                                                                                                                                                                                                                                                                                         PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1828 CTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 16, Application US/08786164 Patent No. 5861484
                                                                                                   Sequence 16, Application US/08232538 Patent No. 5712380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              578 CTTCTACCGGGAAACTGAC 596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Wallen, John W.III
REGISTRATION NUMBER: 35,403
                                                                                                                                                                                                                                                                                                                                                                                                      IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3905
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE.CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2264 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                 Clin.
STATE: No COUNTRY: USA COUNTRY: USA TE: 07065-0907
                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER:
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                                                                                    US-08-232-538-16
                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
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                                                                                                                                                                                                                                                                                 STREET:
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1648 TGATATCTTCCTGGAATACTTTTTCAGGGACAGCGGGACCTGGACTGGCTTTGGCCCAA 1707
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 5.5%; Score 101.8; DB 2; Length 2264; Best Local Similarity 73.4%; Pred. No. 3.3e-21; Matches 146; Conservative 0; Mismatches 47; Indels 6;
                      APPLICANT: THOMAS, KENNETH A.
APPLICANT: KENDALL, RICHARD I.
TITLE OF INVENTION: INHIBITOR OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: CELL GROWTH FACTOR
                                                                                                                                               ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IDEN Competible
OPERATING SYSTEM: DOS
SOFTWARE: MICROSOFT WORD 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,164
FILING DATE: 21-ANN-1997
CLASSIPECATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Mark Hand, J
REGISTRATION NUMBER: 36,545
RESPERNCE/POCKET NUMBER: 1888BDA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594 3905
TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Search completed: June 16, 2003, 14:00:03 Job time: 98.6924 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 2264 base pairs
TYPE: nucleic acid
TYRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-786-164-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 07065-0900
GENERAL INFORMATION:
                                                                                                                                                                   STREET: P.O. CITY: Rahway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

June 16, 2003, 13:47:07; Search time 250.276 Seconds (without alignments) 10680.673 Million cell updates/sec Run on:

US-09-445-201-1_COPY_11000_12845

l aaactagcatgtaattgata......gctcgtaccgggacgtcgac 1846 1846 Perfect score: Sequence:

Scoring table:

IDENTITY_NUC Gapox 10.0

1029858 seqs, 724030393 residues Searched:

2059716 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published_Applications_NA:*

/ cgn2_6/ptodata/2/pubna/USO7_puBCOMB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Secuence 35 Ann	Sequence 5 and a	, ונ	Sequence 10 Appli		١ ٩	Sequence 1 Appli	i m	346		47. A	283	Sequence 6, Appli		-	Sequence 1581 An	Sequence 96 April		17,	
	ID	US-10-036-869-35	US-09-919-408-5	US-09-872-136-5	US-09-967-655-10	US-09-766-678-1	US-10-022-939-1	US-10-100-405A-1	US-09-967-655-3	US-10-184-644-346	US-10-184-634-346	US-09-776-724A-47	US-10-091-438-283	US-09-952-213D-6	US-10-092-154-1581	US-09-764-891-5983	US-09-764-847-1581	US-10-175-523-96	US-10-239-676-166	US-09-799-462A-17	
	DB	12	10	10	ົດ	10	σ	6	6	0	σ	6	δ	6	σ	σ	10	6	σ	6	
	Query Match Length DB	2431	5406	5406	5470	5470	4071	4071	5830	671	671	1849	12194	177556	9717	9717	9717	110079	13606	42999	
dР	Query Match	9.6	9.6	9.6	9.6	9.6	5.5	5.5	5.5	5.6	2.6	2.4	2.2	2.2	2.5	2.2	2.2	2.1	2.1	2.1	
	Score	176.4	176.4	176.4	176.4	176.4	101.8	101.8	101.8	48.4	48.4	43.8	41.2	40.4	40	40	40	38.8	38.6	38.4	
	Result No.	-	2	٣	4	2	9	7	80	თ	10	c 11	12	13	c 14	15	c 16	c 17	18	19	

LENGTH: 2431 base pairs TYPE: nucleic acid STRANDEDNESS: single

TOPOLOGY: linear

17,	Sequence 17, Appl	17,	176	Sequence 24, Appl	Sequence 79, Appl	Sequence 2116. Ap	Sequence 5, Appli	Sequence 312, App	Sequence 312, App	Sequence 8622, Ap	Sequence 10, Appl	Sequence 10. Appl	Sequence 1669, Ap	Sequence 47. Appl	Sequence 1. Appli	Sequence 1, Appli	438	10306	Sequence 19631, A	Sequence 20429. A	Sequence 606. Ann	Sequence 2789, Ap	Sequence 2, Appli	Sequence 3, Appli
US-10-125-767-17	US-10-151-081-17	US-10-287-313-17	US-09-731-872-176	US-10-239-676-24	64-804-696-60-SD	US-09-954-456-2116	US-10-020-141-5	US-10-184-644-312	US-10-184-634-312	US-10-198-846-8622	US-09-728-552-10	US-10-123-155-10	US-09-867-550-1669	US-10-239-676-47	US-09-790-988-1	US-10-067-514-1	US-09-867-701-4388	US-09-867-701-10306	US-09-918-995-19631	US-09-918-995-20429	US-09-954-456-606	US-09-938-842A-2789	US-09-754-853A-2	US-09-754-853A-3
σσ	9	6	10	σ	10	10					9	6	10	6	10	6	10	10	6	6	10	6	9	6
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2.1	2.1	2.1	2.1	2.1	2.0	2.0											1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
38.4	38.4		٠.	38	37.8	37.8	37.6	36.8	36.8	36.6	36.4	36.2	36	36	36		S	35.8	വ	35.8	S.	ω.		
20	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	4 5
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ALIGNMENTS

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APPLICANT: Mixson, James A
TITLE OF INVENTION: CARRIER: DNA COMPLEXES CONTAINING DNA
ENCODING ANTI-ANGIOGENIC PEPTIDES AND THEIR USE IN GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                     ADDRESSEE: Connolly, Bove, Lodge, & Hutz
STREET: 1220 Market Street, P.O. Box 2207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/10/036,869
FILING DATE: 29-No. US20020151516A1-2001
CLASSIFICATION: CURNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US 08/608,845
FILING DATE: 16-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/985,526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: MCMorrow Jr., Robert G
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (302) 658-9141
                                         Sequence 35, Application US/10036869
Patent No. US20020151516A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (302) 658-5613
INFORMATION FOR SEQ ID NO: 35:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                       CITY: Wilmington
STATE: Delaware
COUNTRY: U.S.A.
                                                                                              GENERAL INFORMATION:
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                  US-10-036-869-35
RESULT 1
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us-09-445-201-1_copy_11000_12845.rnpb

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                                                                                                                                                  1669 TTTCAGGGGACCAGCGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
                                                                                                                                                                                                                               1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
                                                                                                                                                                                          163 TTGCAGGGGACAGCGGGACCTGGACTTGGCCCAATGCTCAGCGTGATTCTGAGGA 222
                                                                                                                                                                                                                                                                     223 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 282
                                                                                                                                                                                                                                                                                                             1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                                    0; Gaps
                                                                     DB 12; Length 2431;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL RECEPTORS AND THEIR LIGANDS
                                                                                                            1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: ImClone Systems Incorporated STREET: 180 Varick Street
                                                                Query Match 9.6%; Score 176.4; DB 1:
Best Local Similarity 99.4%; Pred. No. 2.1e-40;
Matches 177; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: LEM-3-7P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILLING DATE: 28-JUN-1991
APPLICATION NUMBER: US 07/679,666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
REPLICATION NUMBER: US/09/919,408
FILING DATE: 31-U1-2001
CLASSIFICATION: <Unknown>
; SEQUENCE DESCRIPTION: SEQ ID NO: 35: US-10-036-869-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 28,601
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TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 02-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lemischka, Ihor R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5, Application US/09919408
Patent No. US20020072077A1
GENERAL INFORMATION:
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1669 TITCAGGGGACAGGGGACCTGGACTTGGCCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                       9.6%; Score 176.4; DB 10; Length 99.4%; Pred. No. 3.6e-40; Live 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Systems Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 26-JUN-1992
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA: APPLICATION NUMBER: US/09/208,786
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: <Unknown>
APPLICATION NUMBER: US/09/021,324
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/906,397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/872,136
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                       LOCATION: 208..264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 01-Jun-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Imclone System
STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lemischka, Ihor R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/09872136 Patent No. US20020119545A1 GENERAL INFORMATION:
LENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                              sig_peptide
208..264
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                                                                                                                                                                                                                                                                   mat_peptide
265..4308
                                                                                                                                                                                               CDS
208..4311
                      TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                 ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 99.4%
Matches 177; Conservative
                                                                 TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New York COUNTRY: U.S.A. ZIP: 10014
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
                                                                                                               HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                  NAME/KEY:
                                                                                                                                                                                                   NAME/KEY:
                                                                                                                                                                                                                                                                   NAME/KEY:
                                                                                                                                                                                                                                                                                       LOCATION:
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1669 TITCAGGGACAGGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                     0; Gaps
                                                                                                                                                       9.6%; Score 176.4; DB 9; Length 5470; 99.4%; Pred. No. 3.6e-40; tive 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Millauer, Birgit
Gazit, Aviv
Levitzki, Alex
TITLE OF INVENTION: Flk.1 Is A Receptor For Vascular
Endothelial Growth Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/766,678
FILING DATE: 25-Jan-2001
CLASSIFICATION: CURRENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 7683-060 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/193,829
FILING DATE: 09-FEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Coruzzi, Laura A. REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/09766678
Patent No. US20020081650Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 5470 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Risau, Werner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: unknown MOLECULE TYPE: DNA
                                                                                                                                                  Query Match
Best Local Similarity 99.48
Matches 177; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: New York
                                                                                         ; LOCATION: (286)...(4389)
US-09-967-655-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: New York
        TYPE: DNA ORGANISM: Mus musculus
                                                                      NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE
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                                                    FEATURE:
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Publication No. US20030092649A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
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9.6%; Score 176.4; DB 10; Length 5406;
Best Local Similarity 99.4%; Pred. No. 3.6e-40;
Matches 177; Conservative 0; Mismatches 1; Indels 0;
        FILING DATE: 15-APR-1992
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
APPLICATION NUMBER: US 07/793,065
FILING DATE: 13-NOV-1991
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: LEM-3-7P TELECOMMUNICATION INFORMATION: TELEPHONE: 212-645-1405
APPLICATION NUMBER: TW 81102961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: sig_peptide
LOCATION: 208..264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
                                                                                                                                                                                                                                                                      NAME: Feit, Irving N. REGISTRATION NUMBER: 28,601
                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 5406 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              mat_peptide
265..4308
                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         208..4311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 10
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NAME/KEY: CDS

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RESULT 8
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                                                                                                                                             1648 TGATATCTTCCTGGAATACTTTTTCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAA 1707
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   195 TAATCAGAGTGGCAGTGAGCAAAGGGTGGAGGTGACTGAGTGCAGCGATG-----GCCT 248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   501 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 560
                                                                                                                                                                                                                                                                                                 1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                            0; Gaps
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                                                                      DB 10; Length 5470;
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                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kendall, Richard L.
APPLICANT: Thomas, Kenneth A.
APPLICANT: Mao, Xianzhhi
APPLICANT: Hebben, Andrew
TITLE OF INVENTION: HUMAN RECEPTOR TYROSINE KINASE, KDR
                                                                    Query Match 9.6%; Score 176.4; DB 10; Best Local Similarity 99.4%; Pred. No. 3.6e-40; Matches 177; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/022,939
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: 09/483,539
PRIOR FILING DATE: 2000-01-14
PRIOR PILING DATE: 2000-01-14
PRIOR PILING DATE: 1998-06-17
PRIOR PILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 09/098,707
PRIOR PILING DATE: 1997-06-18
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LOCATION: 286..4386
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
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Publication No. US20030032160A1
GENERAL INFORMATION:
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Best Local Similarity
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                                     US-09-766-678-1
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US-09-967-655-3
Sequence 3, Application US/03967655
Sequence 3, Application No. US20030092649A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 4071;
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                                                               APPLICANT: Mac, Xianzhi
APPLICANT: Tebben, Andrew
TITLE OF INVENTION: HUMAN RECEPTOR TYROSINE KINASE, KDR
FILE REFERENCE: 19963YOC
CURRENT APPLICATION NUMBER: US/10/100,405A
CURRENT FILING DATE: 2002-08-13
PRIOR PAPLICATION NUMBER: 10/022,939
PRIOR FILING DATE: 2001-12-18
PRIOR FILING DATE: 2000-01-14
PRIOR FILING DATE: 2000-01-14
PRIOR PLING DATE: 2000-01-14
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); Mismatches 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 8 SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/050,962
PRIOR FILING DATE: 1997-06-18
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GENERAL INFORMATION:
APPLICANT: Kendall, Richard L.
APPLICANT: Thomas, Kenneth A.
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 4071
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489 DSPDVKRCLNALEELGTLQVTSQILQKNTDVVATILKRIRRYKANKDVMEKAAEVYTRLKS 548
      424 CAGTGTGTTTTGCTGGGGACAGTAATGAGCCTAGATCGTAGTGCCATCCCAAGAGAGTGC 483
                                            369 SSGDELREDDEPVKKRGRKGRCRCPPSSSDSEPEAELEREAKKSAKKPOSSSTEPARKPG 428
                                                                                         484 TTGGTGGCAAAAAGAGCCCTAGCAGCTTGTGGCAGTTGCCTCATATTTGAAGAATACTAA 543
                                                                                                                                                                            544 GAGGTCCCCCGAATAACTCAGGGCTAGTGTTGATCATTGCATGTGGAGGAGAATCCAAGCC 603
                                                                                                                                                                                                                                                               604 TCCTATCTAGGGTCTACAAAGTAACCAATGCCCAGTCTTTGGGGGAAAGCAAAACCAGA 663
                                                                                                                                                                                                                                                                                                          549 RVLGPKIEAVOKVNKAGMEKEKAEEKLAGEELAGEEAPQEKAEDKPSTDLSAPVNGEATS 608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            64 GAATAGAGCTAAAAATTCTATCCATGTTCAAGTCACCCAGAATGGCTTCTGGACATTTTT 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              124 TTTTTAGCTGTTTTCTACAAGTGAAATTCTGCCTGTATTAGCAATTTAATATCTAGCCAA 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       69 GKPNKRKGFNEGLWEIQNNPHASYSAPPPVSSSDSEAPEANPADGSDADEDDEDRGVMAV 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               184 TAATATTCCTGACCATATGTCCTGTTCAGACCATGACCTTCATAATCTGGCTTGATGTTC 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 129 TAVTATAASDRMESDSDSDSKSSDNSGLKRKTPALKMSVSKRARKASSDLDQASVSPSEEE 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    244 TGGGCTTCTTTCCCTCTTGCCAGCAAGATGTCACGGTGTTGATGCTGGATAAACTGAGAA 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               189 NSESSSESEKTSDQDFTPEKKAAVRAPRRGPLGGRKKKKAPSASDSDSKADSDGAKPEPV 248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          304 ACAGAAGTTTTTCGCAAGAAGAGGACCTTGAATTTTGCTTTTCCCCTGAGAGACAAGAAA 363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9 DLVFAKMKGYPHWPARIDDIADGAVKPPPNKYPIFFFGTHETAFLGPKDLFPYDKCKDKY 68
                                                                                                                                  429 QKEKRVRPEEKQQAKPVKVERTRKRSEGFSMDRKVEKKKEPSVEEKLQKLHSEIKFALKV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.6%; Score 48.4; DB 9; Length 671; 7.6%; Pred. No. 0.0018;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/184,634
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 7.6%; Pred. No. 0.0018;
Matches 46; Conservative 209; Mismatches 353;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 346, Application US/10184634 Publication No. US20030068684A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pan, James
Smith, Victoria
Watanabe, Colin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Desnoyers, Luc
Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                             | :| :
609 QKGESAED 616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Zhang, Zemin
                                                                                                                                                                                                                                                                                                                                                    664 AAGCGATG 671
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Chen, Jian
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3430R1C227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       304 ACAGAAGTTTTCGCAAGAAGAGGACCTTGAATTTTGCTTTTCCCCTGAGAGACAAGAAA
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                                                                                                                                                                                                                                                                                                                                                                                 Sequence 346, Application US/10184644 Publication No. US20030044930Al GENERAL INFORMATION:
                                                                                                                                                                                                                                  1828 CTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                          612 CTTCTACCGGGAAACTGAC 630
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Wood,William I.
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Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Smith, Victoria
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US-10-184-644-346
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Best Local Similarity
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484 TTGGTGGCAAAAAGAGCCCTAGCAGCTTGTGGCAGTTGCCTCATATTTGAAGAATACTAA 543
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309 EVDRISEWKRRDEARRRELEARRRREQEEELRRLREQEKEEKERRRERADRGEAERGSGG 368
                                                                                                                                       424 CAGTGTGTTTTGCTGGGGACAGTAATGAGCCTAGATCGTAGTGCCATCCCAAGAGAGTGC 483
                                                                                                                                                                                                         369 SSGDELREDDEPVKKRGRKGRGRGPPSSSDSEPEAELEREAKKSAKKPQSSSTEPARKPG 428
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PRIOR PELING DATE: 2000-09-26
PRIOR PELING DATE: 2000-09-26
PRIOR PELING DATE: 1909-01-14
PRIOR PELING DATE: 1999-01-14
PRIOR PELING DATE: 1999-07-15
PRIOR PELING DATE: 1999-07-15
PRIOR PELING DATE: 1999-07-15
PRIOR PELING DATE: 1997-07-16
PRIOR PELING DATE: 1997-07-22
PRIOR PELING DATE: 1997-08-18
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PRIOR PELING DATE: 1997-08-18
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FILING DATE: 1997-08-18
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FILING DATE: 1997-08-18
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APPLICATION NUMBER: 60/055,989
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US-09-776-724A-47/C
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1222 CAAACTGAAACTTTAAAATTGTCTGTCTCTTATATTAGTGATAGGTTCCAGAAAGGCAC 1281
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CURRENT APPLICATION NUMBER: US/10/091,438
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PRIOR FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/056,361
PRIOR FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,726
PRIOR FILING DATE: 1997-08-18
PRIOR PAPLICATION NUMBER: 60/055,724
PRIOR APPLICATION NUMBER: 60/055,744
PRIOR APPLICATION NUMBER: 60/055,946
PRIOR APPLICATION NUMBER: 60/055,683
PRIOR FILING DATE: 1997-08-18
PRIOR FILING DATE: 1997-08-18
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PRIOR APPLICATION NUMBER: 60/218,290
PRIOR FILING DATE: 2000-07-14
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PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
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PRIOR APPLICATION NUMBER: 60/217,487
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PRIOR APPLICATION NUMBER: 60/
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LOCATION: (1300)
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US-10-091-438-283
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                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1849
                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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PRIOR PELICATION NUMBER: 60/225,757
PRIOR FILING DATE: 2000-09-12
PRIOR PELILOR TOWN NUMBER: 60/226,868
PRIOR PELILOR DATE: 2000-09-12
PRIOR APPLICATION NUMBER: 60/216,647
PRIOR APPLICATION NUMBER: 60/216,809
PRIOR PELILOR DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/216,809
PRIOR PELILOR DATE: 2000-09-14
PRIOR PELILOR DATE: 2000-09-14
PRIOR PELILOR DATE: 2000-09-17
PRIOR PELILOR DATE: 2000-09-19
PRIOR PELILOR DATE: 2000-09-19
PRIOR PELILOR DATE: 2000-09-10
PR

PRIOR FILING DATE: 2000-10-02
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,040
PRIOR FILING DATE: 2000-10-02
PRIOR PRICE PRINCE DATE: 2000-10-02
PRIOR PRILICATION NUMBER: 60/240,960
PRIOR PRILING DATE: 2000-10-13
PRIOR PRILING DATE: 2000-11-17
PRIOR PRILING DATE: 2000-08-12
PRIOR PRILING DATE: 2000-09-12
PRIOR PRILING DATE: 2000-09-12
PRIOR PRILING DATE: 2000-09-12
PRIOR PRILING DATE: 2000-09-12
PRIOR PRILING DATE: 2000-09-17
PRIOR PRILING DATE: 2000-11-17
PRIOR PRILING DAT

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6342 AAACAATACTTTTTAAAAAGAAGAAAATATGAACCATATTTAAAAGGAAAGCAGCCAGT 6401
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           122 TTTTTTTAGCTGTTTTCTACAAGTGAAATTCTGCCTGTATTAGCAATTTAATATCTAGCC 181
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Publication No. US20030096240A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: MARTIN, E.
APPLICANT: MARTIN, E.
APPLICANT: MARTIN, E.
TITLE OF INFURION:
FILE REFERENCE: UTSH:252US
CURRENT FILING DATE: 2002-08-16
NUMBER OF SED ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 9; Length 12194;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          88; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 2.2%; Score 41.2; DB Best Local Similarity 51.6%; Pred. No. 1.5; Matches 94; Conservative 0; Mismatches
PRIOR APPLICATION NUMBER: 60/231,414
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR PELLING DATE: 2000-09-08
PRIOR PELLING DATE: 2000-09-14
PRIOR PELLING DATE: 2000-09-14
PRIOR FILING DATE: 2000-09-14
PRIOR PELLING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-11-30
PRIOR PELLING DATE: 2000-11-30
PRIOR FILING DATE: 2000-11-30
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. LOCATION: (2293..144567)
; OTHER INFORMATION: N = A, C, T/U OR G
US-09-952-213D-6
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174465 ATGAAAGCCATAGTTTAAATTTTGGCATATCTCCAGTACTTTCATTTTAGGTATGTTCTTT 174524
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2376 TATTCATCAACAATCAACCTTTCACTCAATTTTAATATTTAATTTAATTCTATGGAAAAAC 2317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2556 TATTICITICIGITAATGAGICAGAGGIATTAATATATATGTAGTGCCCCCATTTACC 2497
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                                                                                                          1282 TGATTTTTTTTTCTTCCCTGGTGTACACTGGGCAACTACTCTACCACTGAGCGTGAT 1337
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                                                              0; Gaps
                                                                                                                                                                                                                                                                                                                                      209 TCAGACCATGACCTTCATAATCTGGCTTGATGTTCTGGGCTTCTTTCCCT 258
       Score 40.4; DB 9; Length 177556; Pred. No. 15;
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Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.2%; Score 40; DB 9; Length 9717;
45.9%; Pred. No. 2.9;
tive 0; Mismatches 160; Indels
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, APPLICANT: Rosen et al.
, TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
                                                           0; Mismatches 81; Indels
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CURRENT APPLICATION WUMBER: US/10/092,154
CURRENT TLING DATE: 2003-03-07
NUMBER OF SEQ ID NOS: 2003
Prior Application removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
SOFTWARE: PatentIn Ver. 2.0
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CURRENT APPLICATION NUMBER: US/09/764,891
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 1581, Application US/10092154; Publication No. US20030054375A1
            2.2%;
Query Match
Best Local Similarity 52.49
Matches 89; Conservative
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ORGANISM: Homo sapiens
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US-10-092-154-1581/c
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US-09-764-891-5983
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1102 GATGCTGCCTGGAATGCTATTCCTCCCAATGTGCATAGGGCCAGCTCGGTCCAATCCTC 1161
7222 CTGCGCAAGATAAGTTCTTTTAAATGCAATTAGAATATCCTAAGATAAATTACAAACTCC 7281
                                                                                                                                                                  1042 IGTIGCIGITCITCAAIGCITCAGAIGTGCCCTGGGTCCTGTCTGTCTTCACACTTACT 1101
                                                                                                                                                                                      1162 TCTTTTCTTTGCCTCTTTTATATTTTCCTTCACAGTATCAAATCACCACAGTTTATGCAA 1221
                                                                                                                                                                                                                                                                                                                   1222 CAAACTGAAACTTTAAAATTGTCTGTCTCTTATATTAGTGATAGGTTCCAGAAGGCAC 1281
                                                                                                                                                                                                                                                                                                                                                                          0; Gaps
                                                                                                         Query Match 2.2%; Score 40; DB 9; Length 9717; Best Local Similarity 45.9%; Pred. No. 2.9; Matches 136; Conservative 0; Mismatches 160; Indels
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5983
. LENGTH: 9717
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5983
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Search completed: June 16, 2003, 20:06:37 Job time : 253.276 secs

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